



08/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION I - DEVELOPMENT

PO001 - WEAK ELECTRIC FIELDS SERVE AS A GUIDANCE CUE DIRECTING AXONS OF RETINAL GANGLION CELLS IN VITRO

MASAYUKI YAMASHITA

INTERNATIONAL UNIVERSITY OF HEALTH AND WELFARE, OHTAWARA, JAPÃO.

PO002 - MITOCHONDRIA MOVEMENT AND DENDRITOGENESES

JULIAN HINZ1; JANAINA BRUSCO2; KURT HAAS2

1.UNIVERSITY OF OF TUEBINGEN, TUEBINGEN, GERMANY; UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADÁ;

2.UNIVERSITY OF BRITISH COLUMBIA; DEPARTMENT OF CELLULAR AND PHYSIOLOGICAL SCIENCES, VANCOUVER, CANADÁ.

PO004 - REWIRING INHIBITORY MICROCIRCUITS BY DIRECT LINEAGE REPROGRAMMING OF CORTICAL PROJECTION NEURONS

MOHAMMED ANDRES MOSTAJO RADJI; ZHANLEI YE; JULIANA R BROWN; CAROLINE ROUAUX; GIULIO SRUBEK

TOMASSY; TAKAO K HENSCH; PAOLA ARLOTTA

HARVARD UNIVERSITY, CAMBRIDGE, ESTADOS UNIDOS.

PO005 - HUWE1-DEPENDENT DEGRADATION OF ASCL1 WORKS AS A BRAKE TO ADULT HIPPOCAMPAL STEM CELLS PROLIFERATION.

NOELIA URBÁN; DEBBIE VAN DEN BERG; JIMENA ANDERSEN; FRANÇOIS GUILLEMOT

NATIONAL INSTITUTE FOR MEDICAL RESEARCH, LONDON, REINO UNIDO.

PO006 - THE WHITE MATTER DEVELOPMENT IN UTERO AND SMALL-WORLD NETWORKS IN THE FETAL BRAIN USING MAGNETIC RESONANCE IMAGING

ZUZANA NEDELSKA1; BING ZHANG2; CHENCHEN YAN2; MING LI2; HUITING WANG2; FEI CHEN2; XIN ZHANG2; FANG ZHANG2; XIANFENG YANG2; YUN ZHANG2; ZHIQUIN WANG2; JIE LI3; YALI HU2; BIN ZHU2

1.CHARLES UNIVERSITY IN PRAGUE, 2ND FACULTY OF MEDICINE AND MOTOL UNIVERSITY HOSPITAL AND FNUSA-ICRC BRNO, PRAGUE/BRNO, REPÚBLICA CHECA; 2.THE AFFILIATED DRUM TOWER HOSPITAL OF NANJING UNIVERSITY MEDICAL SCHOOL, NANJING, CHINA; 3.THE AFFILIATED DRUM TOWER HOSPITAL OF NANJING UNIVERSITY MEDICAL SCHOOL, NANJING, CHINA.

PO007 - M6A TRANSMEMBRANE DOMAINS SELF-INTERACTION CONTRIBUTES TO SYNAPSES FORMATION IN HIPPOCAMPAL NEURONS

KARINA FORMOSO; MICAELA DAIANA GARCIA; ALBERTO C FRASCH; CAMILA SCORTICATI

INSTITUTO DE INVESTIGACIONES BIOTECNOLÓGICAS (IIB-INTECH). UNIVERSIDAD NACIONAL DE SAN MARTIN (UNSAM), SAN MARTIN, BUENOS AIRES, ARGENTINA.

PO008 - BONE MARROW DERIVED LINEAGE NEGATIVE STEM CELL: A POTENTIAL SOURCE FOR CELLULAR THERAPY IN NEURODEGENERATIVE DISORDERS

GILLIPSIE MINHAS; NEERU JINDAL; SUDESH PRABHAKAR; AKSHAY ANAND

NEUROSCIENCE RESEARCH LAB, DEPT. OF NEUROLOGY, POST GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH, CHANDIGARH, ÍNDIA.

P0009 - EFFECT OF BONE MARROW DERIVED LIN-VE STEM CELL TRANSPLANTATION IN NMDA INDUCED MOUSE MODEL OF RETINAL DEGENERATION

AVIJIT BANIK¹; NEERU JINDAL¹; KIM VAIPHEI²; SUDESH PRABHAKAR¹; AKSHAY ANAND¹

1.NEUROSCIENCE RESEARCH LAB, DEPARTMENT OF NEUROLOGY, POST GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH, CHANDIGARH, ÍNDIA; 2.DEPARTMENT OF HISTOPATHOLOGY, POST GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH, CHANDIGARH, ÍNDIA.

P0010 - P2Y1 RECEPTOR MODULATES CELL PROLIFERATION IN VIVO OF RAT RETINA

LUANA DE ALMEIDA PEREIRA¹; CAMILA FEITOSA MAGALHÃES¹; MARINNA REPOSSI¹; ALFRED SHOLL FRANCO²; ANA LÚCIA MARQUES VENTURA¹; LUCIANNE FRAGEL MADEIRA¹

1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0011 - DEVELOPMENTAL EXPRESSION OF APP SECRETASES IN THE VISUAL LAYERS OF RAT SUPERIOR COLLICULUS
ANDRÉ VINÍCIUS DA SILVA OLIVEIRA; JULIANA VASQUES; RENATA GONÇALVES; CLAUDIO SERFATY; PAULA CAMPELLO-COSTA; ADRIANA FARIA-MELIBEU

UNIVERSIDADE FEDERAL FLUMINENSE, RIO DE JANEIRO, RJ, BRASIL.

P0012 - EXPLORING THE FUNCTIONAL IMPACT OF NEWBORN NEURONS IN THE MOUSE OLFACTORY BULB: COMBINING OPTOGENETICS AND TWO PHOTON CALCIUM IMAGING

CONSUELO FOIS¹; GAUTAM PRAMANIK¹; SOPHIE PÉRON²; BENEDIKT BERNINGER²; ALBRECHT STROH¹

1.AG MOLECULAR IMAGING AND OPTOGENETICS INSTITUTE OF MICROSCOPIC ANATOMY AND NEUROBIOLOGY JOHANNES GUTENBERG UNIVERSITY OF MAINZ & FOCUS PROGRAM TRANSLATIONAL NEUROSCIENCE, MAINZ, ALEMANHA; 2.ADULT NEUROGENESIS & CELLULAR REPROGRAMMING INSTITUTE OF PHYSIOLOGICAL CHEMISTRY UNIVERSITY MEDICAL CENTER JOHANNES GUTENBERG UNIVERSITY MAINZ & FOCUS PROGRAM TRANSLATIONAL NEUROSCIENCE, MAINZ, ALEMANHA.

P0013 - OLIGOSACCHARIDE MOIETY OF GLYCOSPHINGOLIPIDS INDUCES NEURITOGENIC EFFECT.

PABLO EDUARDO ANDRÉS RODRÍGUEZ¹; MACARENA RODRIGUEZ-WALKER²; MONICA REMEDI³; GONZALO

QUASSOLLO³; MONICA SILVINA SANCHEZ³

1.CEPROCOR, CORDOBA, ARGENTINA; 2.CIQUIBIC-UNC-CONICET, CORDOBA, ARGENTINA; 3.IMYMF-INIMEC-CONICET, CORDOBA, ARGENTINA.

P0014 - THE RADIAL GLIA NEURAL STEM CELL'S ROLE ON ANGIOGENESIS IN THE DEVELOPING CEREBRAL CORTEX
MICHELE DA SILVA SIQUEIRA; DANIEL FRANCIS; JOICE STIPURSKY STIPURSKY

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0015 - MATERNAL INTAKE OF NARINGENIN AND SWIMMING EXERCISE PRACTICE DURING PREGNANCY ALTERS RESPIRATORY CHAIN ACTIVITY IN OFFSPRING'S CEREBELLUM

PAULINE MACIEL AUGUST¹; MATEUS GRINGS¹; DANIELA PEREIRA STOCHER²; PATRICIA IDALINA DE LEMOS RODRIGUES²; ANGELA TEREZINHA DE SOUZA WYSE¹; GUILHIAN LEIPNITZ¹; CRISTIANE MATTÉ¹

1.PROGRAMA DE PÓS GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, ICBS, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0016 - CAMKII-ALPHA IS REQUIRED FOR THE DEVELOPMENT OF NMDARS IN ZEBRAFISH M-CELLS

DECLAN WILLIAM ALI; BIRBICKRAM ROY

UNIVERSITY OF ALBERTA, EDMONTON, CANADÁ.

PO017 - A NEUROFILAMENT-DERIVED PEPTIDE TARGETS NEURAL STEM CELLS AND AFFECTS THEIR SELF-RENEWAL PROPERTIES

JOËL EYER¹; JOËL EYER¹; KRISTELL BARREAU²; CLAIRE LEPINOUX-CHAMBAUD²

1.INSERM, UNIVERSITÉ ANGERS, ANGERS, FRANÇA; 2.UNIVERSITE ANGERS, ANGERS, FRANÇA.

PO018 - FMRP REGULATES AXON ELONGATION VIA TARGETING LOCAL MAP1B AND CALMODULIN TRANSLATION IN PRIMARY SENSORY NEURON

LAN BAO¹; BIN WANG¹; LIN PAN¹; MAN-YI WEI¹; QIONG WANG¹; WEN-WEN LIU²; NUO-XIN WANG²; XING-YU JIANG²; XU ZHANG³

1.INSTITUTE OF BIOCHEMISTRY AND CELL BIOLOGY, SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, SHANGHAI, CHINA; 2.NATIONAL CENTER OF NANOSCIENCE AND TECHNOLOGY, BEIJING, CHINA; 3.INSTITUTE OF NEUROSCIENCE AND STATE KEY LABORATORY OF NEUROSCIENCE, SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, SHANGHAI, CHINA.

PO019 - RECRUITMENT AND FUNCTIONS OF MICROGLIA IN THE DEVELOPING CEREBRAL CORTEX

MICHEL MALLAT

INSERM U.1127, ICM, PARIS, FRANÇA.

PO020 - CALORIC RESTRICTION IN PREGNANT WISTAR RATS MODULATES ANTIOXIDANT DEFENSES IN MOTHERS AND PUPS' CEREBELLUM

VINICIUS STONE

UFRGS, PORTO ALEGRE, RS, BRASIL.

PO021 - DEFEROXAMINE TREATMENT ENHANCED NEURONAL DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS KAMRAN GHAEDI¹; AMIN ZIAEI²; MOHAMMAD REZA PIRI-ARDAKANI²; MOTAHARE-SADAT HASHEMI³; MARYAM PEYMANI³; HOSSEIN BAHARVAND³; MOHAMMAD HOSSEIN NASR-ESFAHANI³

1.ROYAN INSTITUTE &UNIVERSITY OF ISFAHAN, ISFAHAN, IRAN; 2.ROYAN INSTITUTE, ISFAHAN, IRAN; 3.ROYAN INSTITUTE, ISFAHAN, IRAN.

PO022 - PROLIFERATION AND CHARACTERIZATION OF PROGENITORS AND STEM CELLS IN THE RETINA OF AUSTRORLEBIAS CHARRUA FISH.

INÉS BERROSTEGUIETA¹; JUAN CARLOS ROSILLO¹; ANABEL FERNÁNDEZ²

1.IIBCE, MONTEVIDEO, URUGUAI; 2.IIBCE- FACULTAD DE CIENCIAS, UDELAR, MONTEVIDEO, URUGUAI.

PO023 - OMEGA-3/DHA NUTRITIONAL RESTRICTION DELAYS DEVELOPMENT OF RETINOFUGAL CONNECTIONS AND THE DIFFERENTIATION OF CHOLINERGIC MARKERS IN THE RODENT VISUAL SYSTEM

POLIANA CAPUCHO SADRE¹; PATRICIA COELHO DE VELASCO²; PATRICIA RUNG¹; RONALD MARQUES DOS SANTOS¹; ADRIANA FARIA MELIBEU¹; PAULA CAMPHELLO COSTA¹; RUBEM CARLOS ARAUJO GUEDES³; BELMIRA ANDRADE DA COSTA³; CLAUDIO ALBERTO SERFATY¹

1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 3.UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO024 - NEONATAL LOW-PROTEIN DIET REDUCES THE MASTICATORY EFFICIENCY IN RATS

DIEGO CABRAL LACERDA¹; KELLI NOGUEIRA ALTHOFF¹; FRANCIELLY KETULLY FLOR²; MAYARA MILLENI SOUZA¹; SARA HADJ SADOK¹; RAQUEL SILVA ARAGÃO¹; ANA ELISA TOSCANO¹; RAUL MANHÃES CASTRO¹

1.UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL; 2.UNIVERSIDADE FEDERAL DE PERNAMBUCO - CENTRO ACADÊMICO DE VITÓRIA, RECIFE, PE, BRASIL.

PO025 - OVEREXPRESSION OF FNDC5 ENHANCED NEURAL DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS.



MOHAMMAD HOSSEIN HOSSEIN NASR ESFAHANI¹; MAHBOOBEH FOROUZANFAR²; KAMRAN GHAEDI³; SIAMAK BEHESHTI⁴; HOSSEIN BAHARVAND³

1.ROYAN INSTITUTE, ISFAHAN, IRAN; 2.UNIVERSITY OF ISFAHAN & ROYAN INSTITUTE, ISFAHAN, IRAN; 3.SFAHAN & ROYAN INSTITUTE, ISFAHAN, IRAN; 4.UNIVERSITY OF ISFAHAN, ISFAHAN, IRAN.

PO026 - BRAIN ANTIOXIDANT NETWORK WAS AFFECTED BY CALORIC RESTRICTION TREATMENT ON PREGNANT WISTAR RATS AND ITS OFFSPRING

JOÃO PEDRO NUNES SAGINI¹; VINÍCIUS STONE¹; PAULINE MACIEL AUGUST²; DANIELA PEREIRA STOCHER¹; YASMINI DANDARA SILVA¹; PABLO RIBEIRO GONÇALVES COUTO¹; THIAGO BELTRAM MARCELINO³; THIAGO B. SALOMON⁴; MARA DA SILVEIRA BENFATO⁴; CRISTIANE MATTÉ⁵

1.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS), UFRGS, PORTO ALEGRE, RS, BRASIL; 2.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS), UFRGS; PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, ICBS, UFRGS, PORTO ALEGRE, RS, BRASIL; 3.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS) UFRGS; PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, ICBS, UFRGS, PORTO ALEGRE, RS, BRASIL; 4.DEPARTAMENTO DE BIOFÍSICA, INSTITUTO DE BIOCIÊNCIAS (IB), UFRGS; PROGRAMA DE PÓS-GRADUAÇÃO EM BIOLOGIA MOLECULAR E CELULAR, IB, UFRGS, PORTO ALEGRE, RS, BRASIL; 5.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS), UFRGS; 1DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS), UFRGS. 2PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, ICBS, UFRGS, PORTO ALEGRE, RS, BRASIL.

PO027 - THE WNT/B-CATENIN SIGNALING PATHWAY REGULATES SOX2 EXPRESSION AND NEUROGENESIS DURING OLFACTORY REGENERATION IN XENOPUS TADPOLES

DANTE AGUSTIN PAZ; ANDREA GABRIELA POZZI; JIMENA LAURA FRONTERA

DEPT BIODIVERSIDAD Y BIOLOGÍA EXPERIMENTAL. UBA. AND IFIBYNE-CONICET, BUENOS AIRES, ARGENTINA.

PO028 - ANTIGLIOMA ACTIVITY OF ENDEMIC SEAWEED DESMARESTIA ANCEPS FROM ANTARCTICA

PRISCILA OLIVEIRA DE SOUZA¹; ELIZANDRA BRAGANHOL²; PIO COLEPICOLO³; CLAUDIO MARTIN PEREIRA DE PEREIRA⁴; JOSÉ CLAUDIO FONSECA MOREIRA¹

1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.FEDERAL UNIVERSITY FOUNDATION OF HEALTH SCIENCES OF PORTO ALEGRE, PORTO ALEGRE, RS, BRASIL; 3.USP, SÃO PAULO, RS, BRASIL; 4.UFPEL, PELOTAS, RS, BRASIL.

PO029 - DTI AND MTR ANALYSES OF WHITE MATTER TRACTS DURING LATE CHILDHOOD AND EARLY ADOLESCENCE

LUCIANA MONTEIRO MOURA¹; MATTHEW KEMPTON²; PEDRO MARIO PAN¹; GIOVANNI SALUM; ARY GADELHA¹; MARCO DEL AQUILLA¹; MARCELO HOEXTER³; FELIPE PICON⁴; MAURICIO ANÉS⁴; EDSON AMARO JÚNIOR³; EURÍPEDES CONSTANTINO MIGUEL³; LUIS AUGUSTO ROHDE⁴; RODRIGO AFFONSECA BRESSAN¹; PHILIP MCGUIRE²; JOÃO RICARDO SATO⁵; ANDREA PAROLIN JACKOWSKI¹

1.UNIFESP, SÃO PAULO, SP, BRASIL; 2.KING'S COLLEGE, LONDON, REINO UNIDO; 3.USP, SÃO PAULO, SP, BRASIL; 4.UFRGS, PORTO ALEGRE, RS, BRASIL; 5.UFABC, SÃO PAULO, SP, BRASIL.

PO030 - MOTHER CAREGIVING BEHAVIORS AFTER REUNION OF THE ISOLATED PUP PRODUCE SELECTIVE INCREASES IN BOTH RESILIENCE AND PLEASURE IN ADULTHOOD

ANA CRISTINA BORGES AGUIAR; LUIZ CARLOS SCHENBERG

UNIVERSIDADE FEDERAL ESPÍRITO SANTO, VITÓRIA, ES, BRASIL.



08/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION I - EXCITABILITY, SYNAPTIC TRANSMISSION, NETWORK FUNCTION

PO031 - ROLE OF GROUP II METABOTROPIC GLUTAMATE RECEPTORS (MGLUR2/3) BLOCKADE ON LONG-TERM POTENTIATION IN THE DENTATE GYRUS REGION OF HIPPOCAMPUS IN RATS FED WITH HIGH-FAT DIET
SEYED ASAAD ASAAD KARIMI; ALIREZA KOMAKI; IRAJ SALEHI; ABDOLRAHMAN SARIHI; MOHAMMAD ZAREI; SIAMAK SHAHIDI, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN; ; ; ; .

PO032 - OVARECTOMY DOES NOT EXACERBATE THE NEGATIVE EFFECTS OF SLEEP DEPRIVATION ON SYNAPTIC PLASTICITY IN RATS
VAHID HAJALI¹; VAHID SHEIBANI²; HAMED GHAZVINI²; HAKIMEH SAADATI²
1.NURSING FACULTY OF QUCHAN, UNIVERSITY OF MEDICAL SCIENCES, MASHHAD, IRAN; 2.NEUROSCIENCE RESEARCH CENTER, KERMAN UNIVERSITY OF MEDICAL SCIENCES, KERMAN, IRAN.

PO033 - HIPPOCAMPAL AND STRIATAL HISTOMORPHOLOGY, ACHE AND NEUROGENIC MARKERS ACTIVITIES FOLLOWING REPEATED ADMINISTRATION OF NICOTINE.
OMAMUYOVWI MEASHACK IJOMONE; OLAYEMI KAFILAT OLAIBI; POLYCARP UMUNNA NWOHA
OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE, NIGERIA.

PO034 - SELF-GENERATED OFF-LINE MEMORY REPROCESSING IN CORTICAL MICROCIRCUITS
JENIA JITSEV
INSTITUTE OF NEUROSCIENCE AND MEDICINE (INM-6), FORSCHUNGSZENTRUM JUELICH, JUELICH, ALEMANHA.

PO035 - CHRONIC COLITIS MODIFIES CORTICOLIMBIC ENDOCANNABINOID LEVELS
HALEY ALLESON VECCHIARELLI; CATHERINE KEENAN; WINNIE HO; J MEGAN GRAY; MARIA MORENA; KEITH A SHARKEY; MATTHEW N HILL
HOTCHKISS BRAIN INSTITUTE, UNIVERSITY OF CALGARY, CALGARY, CANADÁ.

PO036 - MITOCHONDRIAL REGULATION OF NEURONAL STRUCTURAL AND FUNCTIONAL PLASTICITY
JANAINA BRUSCO; KURT HAAS
DEPARTMENT OF CELLULAR AND PHYSIOLOGICAL SCIENCES. UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, CANADÁ.

PO037 - CALCIUM INDEPENDENT AND VOLTAGE DEPENDENT EXOCYTOSIS IN MOUSE CHROMAFFIN CELLS
JOSÉ MOYA-DÍAZ; FERNANDO DIEGO MARENGO
INSTITUTE OF PHYSIOLOGY, MOLECULAR BIOLOGY AND NEUROSCIENCE. SCIENCES FACULTY. UNIVERSITY OF BUENOS AIRES, BUENOS AIRES, ARGENTINA.

PO038 - IDENTIFYING THE POPULATION OF DOPAMINE D2 RECEPTORS NECESSARY FOR THE INDUCTION OF STRIATAL ENDOCANNABINOID LTD
SHANA M AUGUSTIN; DAVID M LOVINGER
NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM, ROCKVILLE, ESTADOS UNIDOS.

PO039 - ANALYSIS OF HISTONE ACETYLATION IN PLASTICITY MODELS OF THE MOUSE VISUAL CORTEX
GABRIELA PAULA VIERCI; FRANCESCO MATTIA ROSSI
FACULTAD DE CIENCIAS, UDELAR, MONTEVIDEO, URUGUAI.

PO040 - IN VIVO APPROACH TO STUDY THE INTERNALIZATION OF MELANIN CONCENTRATING HORMONE (MCH) AND ITS RECEPTOR IN THE CNS OF THE RAT

VICENTE RUIZ-VIROGA¹; JESSIKA URBANAVICIUS²; PABLO TORTEROLO¹; PATRICIA LAGOS¹

1.FACULTAD DE MEDICINA, UNIVERSIDAD DE LA REPÚBLICA, MONTEVIDEO, URUGUAI; 2.INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI.

PO041 - SYNAPTIC PLASTICITY PROFILE OF THE DESCENDING AND ASCENDING PATHWAYS TO THE PIRIFORM CORTEX: IN VIVO CHARACTERISATION IN RODENTS

CHRISTINA STRAUCH; DENISE MANAHAN-VAUGHAN

RUHR UNIVERSITY BOCHUM: MEDICAL FACULTY, DEPARTMENT OF NEUROPHYSIOLOGY; INTERNATIONAL GRADUATE SCHOOL OF NEUROSCIENCE, BOCHUM, ALEMANHA.

PO042 - CA1 LAMINAR DIFFERENCES OF THETA-GAMMA CROSS-FREQUENCY COUPLING IN MICE

VIVAN NGUYEN CHI¹; YEYENIY YANOVSKY¹; ANDREAS DRAGUHN¹; ADRIANO B.L. TORT²; JURIJ BRANKAČK¹

1.PHYSIOLOGY AND PATHOPHYSIOLOGY, HEIDELBERG, ALEMANHA; 2.BRAIN INSTITUTE, NATAL, RN, BRASIL.

PO043 - DIFFERENTIAL ROLE OF SUBTHRESHOLD CONDUCTANCES ON THE FIRING OF DORSAL COCHLEAR NUCLEUS FUSIFORM NEURONS

CESAR AUGUSTO CELIS; ANTÔNIO CARLOS ROQUE; RICARDO MAURICIO LEÃO

SAO PAULO UNIVERSITY, RIBEIRÃO PRETO, SP, BRASIL.

PO044 - PRE-PUBERTAL CASTRATION REVEALS MALE GONADAL EFFECTS ON DEVELOPMENT OF NMDA DEPENDENT CA1 LTP AND SPATIAL LEARNING OF MALE RATS DURING ADOLESCENCE

FARSHAD MORADPOUR¹; YAGHOUB FATHOLLAHI²; NASSER NAGHD³; MOHAMMAD JAVAN²

1.KERMANS SHAH UNIVERSITY OF MEDICAL SCIENCES, KERMANS SHAH, IRAN; 2.TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN; 3.PASTEUR INSTITUTE OF IRAN, TEHRAN, IRAN.

PO045 - EFFECTS OF BRAIN TOPICAL APPLICATION OF TIBOLONE ON THE CORTICAL SPREADING DEPRESSION IN CASTRATED AND NON-CASTRATED MALE ADULT RATS.

NORANEGE EPIFÂNIO ACCIOLY¹; GEORGE EMILIO SAMPAIO BARRETO²; RUBEM CARLOS ARAÚJO GUEDES¹

1.UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL; 2.PONTIFÍCIA UNIVERSIDADE JAVERIANA, RECIFE, COLÔMBIA.

PO046 - A LOW-TRYPTOPHAN DIET MODULATES SPREADING DEPRESSION IN THE RAT CORTEX

RUBEM CARLOS ARAUJO GUEDES; TACIANA CRISTOVÃO VERÇOSA

UNIV FEDERAL PERNAMBUCO - DEPT NUTRITION-LAB NEUROPHYSIOL, RECIFE, PE, BRASIL.

PO047 - HIPPOCAMPAL-PREFRONTAL PLASTICITY ALTERS SINGLE-UNIT ACTIVITY IN THE LIMBIC THALAMUS OF AWAKE RATS

LEZIO SOARES BUENO-JUNIOR; JOAO PEREIRA LEITE

MEDICAL SCHOOL OF RIBEIRAO PRETO, UNIVERSITY OF SAO PAULO, RIBEIRAO PRETO, SP, BRASIL.

PO048 - THE PERSISTENCE OF HIPPOCAMPAL SYNAPTIC PLASTICITY IS REGULATED BY THE NMDA RECEPTOR SUBUNITS, GLUN2A AND GLUN2B

ARNE BUSCHLER¹; GEORG KOEHR²; DENISE MANAHAN-VAUGHAN¹

1.RUHR UNIVERSITY BOCHUM, BOCHUM, ALEMANHA; 2.MAX PLANCK INSTITUTE, HEIDELBERG, ALEMANHA.



PO049 - INVESTIGATING THALAMIC IMPACT ON CORTICAL STATES IN RODENT SOMATOSENSORY CORTEX BY ASSESSING SPONTANEOUS NEURONAL ACTIVITY UPON OPTOGENETIC MODULATION

MIRIAM SCHWALM¹; EDUARDO CÉSAR ROSALES JUBAL¹; FLORIAN SCHMID²; LYDIA WACHSMUTH²; ANDREA KRONFELD¹; CORNELIUS FABER²; ALBRECHT STROH¹

1. RESEARCH GROUP MOLECULAR IMAGING AND OPTOGENETICS, MAINZ ANIMAL IMAGING CENTER (MAIC), FOCUS GROUP TRANSLATIONAL NEUROSCIENCE (FTN) & INSTITUTE FOR MICROSCOPIC ANATOMY AND NEUROBIOLOGY, JOHANNES GUTENBERG-UNIVERSITY MAINZ, MAINZ, ALEMANHA; 2. UNIVERSITY OF MÜNSTER, DEPARTMENT OF CLINICAL RADIOLOGY, MÜNSTER, ALEMANHA.

PO050 - THE POTENTIATION OF ECOG AFTER SPREADING DEPRESSION IS MODULATED IN ADULT RATS BY ANESTHETIC AGENTS, AND BY UNFAVORABLE LACTATION

MARIANA BARROS E SILVA GONDIM; THAYS KALLYNE MARINHO DE SOUZA; ANA JESSICA PACHECO FERRO CARDOSO; RUBEM CARLOS ARAUJO GUEDES

UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO051 - CHRONIC TREATMENT OF ADULT RATS WITH TAURINE OR ALANINE DECELERATES CORTICAL SPREADING DEPRESSION.

ELIAN DA SILVA FRANCISCO; RUBEM CARLOS ARAÚJO GUEDES

UFPE, RECIFE, PE, BRASIL.

PO052 - STRUCTURE, COMPLEXITY, AND CONNECTIVITY OF DENDRITIC SPINES IN THE HUMAN MEDIAL AMYGDALOID NUCLEUS

ALBERTO A. RASIA-FILHO¹; ALINE DALL'OGGIO²; ANA CAROLINA L. DUTRA²; JORGE E. MOREIRA³

1. FEDERAL UNIVERSITY OF HEALTH SCIENCES/FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2. FEDERAL UNIVERSITY OF HEALTH SCIENCES, PORTO ALEGRE, RS, BRASIL; 3. UNIVERSITY OF SÃO PAULO/RIBEIRÃO PRETO SCHOOL OF MEDICINE, RIBEIRÃO PRETO, SP, BRASIL.

PO053 - SPECIFIC TYPES OF INTERNEURONS REGULATE INPUT PATTERN-DEPENDENT RECRUITMENT OF MATURE DENTATE GRANULE CELLS

CHENG-CHANG LIEN; CHENG-TA LEE; MIN-HUA KAO

NATIONAL YANG-MING UNIVERSITY, TAIPEI, TAIWAN.

PO054 - CSF-CONTACTING CELLS: CLUES FOR NEURAL PROGENITORS EVOLUTION IN THE VERTEBRATE BRAIN?

ANNA LENICE RIBEIRO XAVIER; MICHAËL DEMARQUE; KEI YAMAMOTO; PHILIPPE VERNIER

NEUROSCIENCES PARIS-SACLAY INSTITUTE, GIF-SUR-YVETTE, FRANÇA.

PO055 - ROLE OF AUTOTAXIN AT GLUTAMATERGIC SYNAPSES

CARINE THALMAN¹; SERGEI KIRISCHUK²; WEI FAN¹; IRMGARD TEGEDER³; HEIKO LUHMANN⁴; JOHANNES VOGT¹; ROBERT NITSCH¹

1. INSTITUTE OF MICROSCOPY ANATOMY AND NEUROBIOLOGY, MAINZ, ALEMANHA; 2. INSTITUTE OF PHYSIOLOGY AND PATHOPHYSIOLOGY, MAINZ, ALEMANHA; 3. PHARMAZENTRUM FRANKFURT/ZAFES CLINICAL PHARMACOLOGY, MAINZ, ALEMANHA; 4. INSTITUTE OF PHYSIOLOGY AND PATHOPHYSIOLOGY, MAINZ, ALEMANHA.

PO056 - NEURONAL KV7/M CHANNELS AS TARGETS FOR GLIA-NEURON INTERACTIONS UNDERLYING INFLAMMATION-INDUCED CNS HYPEREXCITABILITY

ARIK TZOUR; YOEL YAARI; ALEXANDER BINSHTOK

THE HEBREW UNIVERSITY-HADASSAH SCHOOL OF MEDICINE, JERUSALEM, ISRAEL.

PO057 - SYNERGETIC INTERACTION BETWEEN ADENOSINE A2A AND DOPAMINERGIC RECEPTOR LEADS TO MODIFICATIONS ON SYNAPTIC TRANSMISSION AND SHORT-TERM PLASTICITY IN THE MOUSE PREFRONTAL CORTEX
JOANA ISABEL REAL; ANA PATRICIA SIMÕES; SAMIRA FERREIRA; DANIEL RIAL; RODRIGO A. CUNHA
CNC, COIMBRA, PORTUGAL.

PO058 - A PROTEOMIC STUDY OF PROTEINS CONTROLLING PLASTICITY LEVELS IN THE MOUSE VISUAL CORTEX.
FRANCESCO MATTIA ROSSI; LUCIA RUIZ; MARIANA MUNIZ
FACULTAD DE CIENCIAS, UDELAR, MONTEVIDEO, URUGUAI.

PO059 - ENDOCANNABINOID SYSTEM ALTERATIONS IN AN ANIMAL MODEL OF AUTISM SPECTRUM DISORDERS
JOAO CARLOS ESCOSTEGUY-NETO¹; JAIR GUILHERME SANTOS-JUNIOR²; SUE SGR³; NORMAN SCHANZ³; EUGENE DENNIS³; LARISSA NKOUAMI PAMEN³; BALAPAL S. BASAVARAJAPPA; CLAIRE M. LEONARD³; KEVIN PENKOSKI³; MONIKA CHUNG³; NDEAH TERRY³; JASMINE WOOD⁴; GEORGIANNA G. GOULD⁵; HIROKI ISHIGURO⁶; SYED ALI⁷; QING-RONG LIU⁸; EMMANUEL S. ONAIVI³
1.FEDERAL UNIVERSITY OF SAO PAULO, SAO PAULO, SP, BRASIL; 2.FACULTY OF MEDICAL SCIENCE SANTA CASA SAO PAULO, SAO PAULO, SP, BRASIL; 3.WILLIAM PATERSON UNIVERSITY, WAYNE, ESTADOS UNIDOS; 4.WILLIAM PATERSON UNIVERSITY, WAYNE, ESTADOS UNIDOS; 5.UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER, SAN ANTONIO, ESTADOS UNIDOS; 6.UNIVERSITY OF YAMANASHI, CHUO-YAMANASHI, JAPÃO; 7.NATIONAL CENTER TOXICOLOGICAL RESEARCH/FDA, JEFFERSON, ESTADOS UNIDOS; 8.NATIONAL INSTITUTE ON DRUG ABUSE/NIDA, BALTIMORE, ESTADOS UNIDOS.

PO060 - CANNABIDIOL INHIBITS COCAINE-INDUCED SEIZURES IN A MECHANISM DEPENDENT OF REDUCTION IN GLUTAMATE RELEASE
LUCIANO REZENDE VILELA¹; PEDRO HENRIQUE GOBIRA¹; ANTÔNIO CARLOS OLIVEIRA¹; LUCIENE BRUNO VIEIRA¹; DANIELE CRISTINA AGUIAR¹; JOSÉ ALEXANDRE CRIPPA²; ANTÔNIO LÚCIO TEIXEIRA¹; FABRÍCIO ARAÚJO MOREIRA¹
1.UFMG, BELO HORIZONTE, MG, BRASIL; 2.USP, RIBEIRÃO PRETO, SP, BRASIL.

PO061 - COMMONLY CONSUMED AMAZON PLANT HAS CONVULSANT PROPERTIES
MARCOS RAIMUNDO PEREIRA DA SILVA; MONIQUE CRISTINA BEZERRA MORRISON FARIA; ANDREZA SOUZA MIRANDA; NAARA RAFAELA DE LIMA PONCIANO; THAMIRES DE CASTRO NAVEGANTES; LUIZ SANTOS BATISTA; VANESSA JOIA DE MELO; MOISÉS HAMOY
FEDERAL UNIVERSITY OF PARÁ, BELÉM, PA, BRASIL.

PO062 - B-ADRENERGIC RECEPTOR ACTIVATION COINCIDENT WITH SYNAPTIC STIMULATION MODULATES LTP INDUCTION IN THE VENTRAL HIPPOCAMPUS
RYAN GUGLIETTA; THOMAS J O'DELL
UCLA, LOS ANGELES, ESTADOS UNIDOS.

PO063 - THE ENDOCANNABINOID SYSTEM OF THE VENTRAL MEDIAL PREFRONTAL CORTEX MODULATES THE CARDIAC BAROREFLEX ACTIVITY THROUGH CB1 AND TRPV1 RECEPTORS
DAVI CAMPOS LA GATTA; NILSON CARLOS FERREIRA-JUNIOR; LUCIANA BÄRG KUNTZE; LEONARDO BARBOSA MORAES RESSTEL
FACULDADE DE MEDICINA DE RIBEIRÃO PRETO-USP, RIBEIRÃO PRETO, SP, BRASIL.

PO064 - ELECTROENCEPHALOGRAPHIC AND GABAERGIC ALTERATIONS IN A MODEL OF GLUTARIC ACIDEMIA TYPE I.
MAYARA VENDRAMIN PASQUETTI¹; LETICIA MEIER¹; SAMANTA LOUREIRO¹; BERNARDO JUNGES¹; MARCELO GANZELLA¹; ALEXANDRE AMARAL¹; MICHAEL WOONTNER²; STEPHEN I GOODMAN²; DAVID M KOELLER³; MOACIR WAJNER¹; DIOGO ONOFRE DE SOUZA¹; MARIA ELISA CALCAGNOTTO¹
1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSITY OF COLORADO DENVER, AURORA, ESTADOS UNIDOS; 3.OREGON HEALTH & SCIENCE UNIVERSITY, PORTLAND, ESTADOS UNIDOS.



PO065 - COMPARATIVE ASPECTS OF PRESYNAPTIC AGING OF MOUSE BRAIN.
MONIKA LIGUZ-LECZNA; ALEKSANDRA KALISZEWSKA; ZUZANNA MISIEWICZ; TOMASZ STEPNIEWSKI; RENATA ZAKRZEWSKA; MALGORZATA KOSSUT
NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLÓIA.

PO066 - NEUROLIGIN-1 ECTODOMAIN REGULATES SYNAPTIC TRANSMISSION BY INTERACTING WITH METABOTROPIC GLUTAMATE RECEPTOR 2
MICHELLE DENISE GJØRLUND¹; ANDREAS KØNIG¹; ANDERS VICTOR PETERSEN²; VLADIMIR BEREZIN³; JEAN-FRANCOIS PERRIER²; SYLWIA OWCZAREK¹
1.LABORATORY FOR NEURAL PLASTICITY, COPENHAGEN UNIVERSITY, COPENHAGEN, DINAMARCA; 2.NEURONAL SIGNALLING LABORATORY, COPENHAGEN UNIVERSITY, COPENHAGEN, DINAMARCA; 3.COPENHAGEN UNIVERSITY, COPENHAGEN, DINAMARCA.

PO067 - EFFECTS OF SALICYLATE ON THE NEUROTRANSMISSION AND PLASTICITY IN DORSAL COCHLEAR NUCLEUS SYNAPSES
JOÃO ZUGAIB CAVALCANTI; RICARDO MAURÍCIO LEAO
USP, RIBEIRÃO PRETO, SP, BRASIL.

PO068 - THE ROLE OF BETACAMKII IN REGULATING BIDIRECTIONAL PLASTICITY IN CEREBELLAR PURKINJE CELLS
THIAGO PINTO¹; MARIA SCHILSTRA²; VOLKER STEUBER²; ANTONIO ROQUE¹
1.UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 2.UNIVERSITY OF HERTFORDSHIRE, HATFIELD, REINO UNIDO.

PO069 - CAFFEINE-INDUCED ELECTROPHYSIOLOGICAL CHANGES IN BRAIN OSCILLATIONS
RAFAELA DA SILVA MORAES; PEDRO GABRIEL DE ARAÚJO CORDEIRO; NATÁLIA CRISTINA SILVA SIQUEIRA; ISIS JASPE REIS DA SILVA; LUIZ SANTOS BATISTA; VANESSA JÓIA DE MELLO; MOISÉS HAMOY
UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

PO070 - INDUCIBLE KNOCKOUT OF MEF2A, C, AND D FROM NESTIN-EXPRESSING STEM CELLS, PROGENITORS, AND THEIR PROGENY IMPAIRS HIPPOCAMPAL NEUROGENESIS IN VIVO
SARAH ELIZABETH LATCHNEY; YINDI JIANG; DAVID P PETRIK; JENNY HSIEH; AMELIA J EISCH
UT SOUTHWESTERN MEDICAL CENTER, DALLAS, ESTADOS UNIDOS.

08/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION I - DISORDERS OF THE NERVOUS SYSTEM

PO071 - CELLULAR PHENOTYPES ASSOCIATED WITH AUTISM
ANNIE KATHURIA; JACK PRICE; DEEPAK SRIVASTAVA; COCKS GRAHAM
KING'S COLLEGE LONDON, LONDON, REINO UNIDO.

PO072 - FREQUENCIES COINCIDENT AMONG ELECTROENCEPHALOGRAPHIC ACTIVITY, ANXIETY AND ESTROGEN AND PROGESTERONE DURING MENSTRUAL CYCLE
MARTHA SILVIA SOLIS-ORTIZ¹; RAFAEL GONZALEZ CAMPOS²
1.UNIVERSIDAD DE GUANAJUATO, LEON, MÉXICO; 2.UNIVERSIDAD MICHOACANA, MICHOACAN, MÉXICO.

P0073 - THE ROLE OF STRESS INDUCIBLE PROTEIN 1 (STI1) IN THE MICROGLIA-GLIOBLASTOMA INTERACTION: AN IN VITRO AND IN VIVO APPROACH

ANNA CAROLINA CARVALHO DA FONSECA¹; LUCIANA ROMÃO¹; RACKELE AMARAL¹; SUZANA ASSAD KAHN¹; DENISE LOBO¹; SHEILA MARTINS¹; JORGE MARCONDES DE SOUZA¹; HUAQING WANG²; HAITAO FAN²; XUEBO CHEN³; IAN ZHANG⁴; LARRY ZHANG⁴; BEHNAM BADIE⁴; VIVALDO MOURA-NETO¹; FLAVIA REGINA SOUZA LIMA¹
1.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.PROVINCIAL HOSPITAL AFFILIATED TO SHANDONG UNIVERSITY, JIANG, CHINA; 3.THE SECOND HOSPITAL OF JILIN UNIVERSITY, CHANGCHUN, CHINA; 4.CITY OF HOPE BECKMAN RESEARCH INSTITUTE, DUARTE, ESTADOS UNIDOS.

P0074 - NEURON-GLIA CROSSTALK IN HIV-1 NEUROPATHOGENESIS : ROLE OF LIGAND GATED PURINERGIC RECEPTOR, P2X7R

MANJU TEWARI; PANKAJ SETH
NATIONAL BRAIN RESEARCH CENTRE, MANESAR, ÍNDIA.

P0075 - EPIGENETIC CHANGES TO HISTONES IN AN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE) MODEL OF MULTIPLE SCLEROSIS (MS), THERAPEUTIC IMPLICATIONS IN REGARDS TO RE-MYELINATION AND /OR MYELIN REPAIR

MICHAEL PETER NAMAKA¹; TINA KHORSHID AHMAD¹; KHALED ALTAWHEEL¹; CLAUDIA CORTES¹; RYAN LILICO¹; KAREN ETHANS¹; TED LAKOWSKI¹; QINGJUN HUANG²; JUE HE²; XINGSHUN XU³; XIAOHUI LI⁴; JIMING KONG⁵
1.UNIVERSITY OF MANITOBA, WINNIPEG, CANADÁ; 2.MENTAL HEALTH CENTER SHANTOU UNIVERSIT, WINNIPEG, CANADÁ; 3.SOOCHOW UNIVERSITY INSTITUTE OF NEUROSCIENCE, WINNIPEG, CANADÁ; 4.COLLEGE OF PHARMACY, THIRD MILITARY MEDICAL UNIVERSITY, WINNIPEG, CANADÁ; 5.DEPARTMENT OF HUMAN ANATOMY AND CELL SCIENCE, COLLEGE OF MEDICINE FACULTY OF HEALTH SCIENCES, WINNIPEG, CANADÁ.

P0076 - THE EFFECT OF GLYCOGEN SYNTHASE KINASE3 INHIBITOR (CHIR99021) ON PROLIFERATION OF NEURAL STEM CELLS

NARGES PACHENARI¹; MOHAMMAD JAVAN¹; SAHAR KIANI²
1.TARIAT MODARES UNIVERSITY, TEHRAN, IRAN; 2.ROYAN INSTITUTE, TEHRAN, IRAN.

P0077 - PROTEOMIC PROFILING OF THE HIPPOCAMPUS OF RATS SUBJECTED TO THE PILOCARPINE MODEL OF EPILEPSY

DANIELE SUZETE PERSIKE; MARIANA LEÃO LIMA; REBECA PADRÃO AMORIM; MICHELE GASPARETTI LEÃO ARAÚJO; LUIS FERNANDO SIERRA; SERGIO SCHENKMAN; MARIA JOSÉ DA SILVA FERNANDES
UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0078 - CHANGES IN CARDIOVASCULAR AUTONOMIC FUNCTION IN PATIENTS WITH NEWLY DIAGNOSED EPILEPSY

RAJESH KUMAR GOIT; NARENDRA KUMAR MISHRA
NEPALGUNJ MEDICAL COLLEGE, BANKE, NEPAL.

P0079 - BEHAVIOURAL AND MORPHOLOGICAL CHANGES AFTER A NEONATAL LESION OF THE MEDIODORSAL THALAMUS: INSIGHTS TO SCHIZOPHRENIA

ZAKARIA OUHAZ; SAADIA BA M'HAMED; MOHAMED BENNIS
CADI AYYAD UNIVERSITY, FACULTY OF SCIENCE SEMLALIA, MARRAKECH, MARROCOS.

P0080 - SODIUM CHANNEL ROLE IN CORTICAL SPREADING DEPRESSION

BABAK KHODIE; MILAD AHMADI; AHMADALI LOTFINIA; MAHMOUD LOTFINIA
SHEFA NEUROSCIENCE RESEARCH CENTER, TEHRAN, IRAN.

PO081 - DISSECTING THE NEURODEVELOPMENTAL ROLE OF THE MICROTUBULE-ASSOCIATED PROTEIN EML1, MUTATED IN SUBCORTICAL HETEROTOPIA

SARA BIZZOTTO¹; FRANÇOISE PHAN DINH TUY¹; MICHEL KIELAR²; DELFINA ROMERO¹; ANNE HOULLIER¹; GIORGIA CANALI¹; CÉCILE LEBRAND²; CAMINO DE JUAN ROMERO³; KARINE POIRIER⁴; NADIA BAHİ-BUISSON⁵; VICTOR BORRELL³; EGBERT WELKER²; JAMEL CHELLY⁴; ANNE HOUDUSSE⁶; ALEXANDRE CROQUELOIS²; FIONA FRANCIS¹
 1.1. INSERM UMR-S 839, UNIVERSITÉ PIERRE ET MARIE CURIE, INSTITUT DU FER À MOULIN, PARIS, FRANÇA; 2.2. DEPARTMENT OF CLINICAL NEUROSCIENCE, DEPARTMENT OF CELL BIOLOGY AND MORPHOLOGY, CENTRE HOSPITALIE, LAUSANNE, SUÍÇA; 3.3. INSTITUTO DE NEUROCIENCIAS, CSIC & UNIVERSIDAD MIGUEL HERNÁNDEZ, ALICANTE, ESPANHA; 4.4. INSERM U1016, UNIVERSITÉ RENÉ DESCARTES, INSTITUT COCHIN, PARIS, FRANÇA; 5.5. HÔPITAL NECKER ENFANTS MALADES, NEUROLOGIE PÉDIATRIQUE, APHP, UNIVERSITÉ PARIS DESCARTES, PARIS, FRANÇA; 6.6. SUBCELLULAR STRUCTURE AND CELLULAR DYNAMICS, INSTITUT CURIE, PARIS, FRANÇA.

PO082 - CLINICAL TOPOGRAPHIC ANALYSIS OF NEUROPATHIC PAIN IN PATIENTS ADMITTED IN A CENTER OF MULTIDISCIPLINARY TREATMENT

DAVID RIBEIRO SANTOS; ADRIANA DO CARMO GENTIL FORNEL; ANA FLAVIA BEZERRA; JANAINA DUARTE; STELA MARCIA DRAIB GERVASIO
 UNIVERSIDADE PAULISTA, SÃO JOSÉ DOS CAMPOS, SP, BRASIL.

PO083 - TIMP-1 LOADED NANOPARTICLES: A THERAPEUTIC STRATEGY FOR NEUROPROTECTION

MAYANK CHATURVEDI¹; YVES MOLINO²; SREEDHAR BOJJA³; MICHEL KHRESTCHATISKY⁴; LESZEK KACZMAREK¹
 1.LABORATORY OF NEUROBIOLOGY, NENCKI INSTITUTE, WARSAW, POLÔNIA; 2.VECT-HORUS S.A.S, MARSEILLE, FRANÇA; 3.INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, HYDERABAD, ÍNDIA; 4.UMR 7259 - CNRS - AIX-MARSEILLE UNIVERSITÉ, MARSEILLE, FRANÇA.

PO084 - STROKE PHYSICAL REHABILITATION: IMPACT ON MOTOR FUNCTIONAL RECOVERY IN DRUG-TREATED VERSUS VEHICLE-TREATED RATS

MONER A RAGAS; MARIA BALCH; AMBER HENSLEY; KENNEY REYNOLDS; DANNY WRIGHT; BRYCE KERR; ADRIAN CORBETT
 WRIGHT STATE UNIVERSITY, DAYTON, ESTADOS UNIDOS.

PO085 - VITAMIN C DEPLETION IN PRENATAL GUINEA PIGS AS A MODEL OF LISSENCEPHALY TYPE II

IVAN DJURA CAPO; NATASA PETAR HINIC; DUSAN LALOSEVIC; NEBOJSA STILINOVIC; SLOBODAN SEKULIC
 MEDICAL FACULTY, NOVI SAD, SERVIA.

PO086 - TAU REDUCTION PREVENTS NEURODEGENERATION IN A MICE MODEL OF TRAUMATIC BRAIN INJURY

PING ZHENG; SANDY SHULTZ; DAVID WRIGHT; SHIJIE LIU; NIGEL JONES; TERRENCE O'BRIEN
 ROYAL MELBOURNE HOSPITAL, MELBOURNE, AUSTRÁLIA.

PO087 - RELATIONSHIP BETWEEN AIMS AND D2 RECEPTOR EXPRESSION IN AN EXPERIMENTAL MODEL OF DYSKINESIA. INFLUENCE OF THE TREATMENT WITH MUCUNA PRURIENS

FRANCIS LILIANA TURNER; CARO PAOLA ANDREA APONTE; OTÁLORA CRISTIAN ALEXANDER OSORIO; GUZMAN JULIÁN CAMILO VARÓN; MAYORGA ERIKA LUCIA BELTRÁN; ALCAZAR JESSICA PAOLA ARZUZA; BLANCO LISETTE LEZCANO
 PHD. LEADER OF THE RESEARCH GROUP EXPERIMENTAL MODELS FOR ZOOHUMANAS SCIENCES. BIOLOGY PROGRAM. F, IBAGUÉ, COLÔMBIA.

PO088 - INCREASED RETINAL TAU IS NEUROTOXIC IN EXPERIMENTAL GLAUCOMA

MARIUS CHIASSEU; LAURIE DESTROISMAISONS; CHRISTINE VANDE VELDE; NICOLE LECLERC; ADRIANA DI POLO
 UNIVERSITY OF MONTREAL HOSPITAL RESEARCH CENTER, MONTREAL, CANADÁ.

PO089 - COMPARED TO SINGLE SEROTYPE INFECTION THE ANTIBODY-ENHANCED DENGUE DISEASE EXACERBATES INFLAMMATORY RESPONSE IN THE BLACK-TUFTED MARMOSET *CALLITRIX PENICILLATA*
LUCIANO CHAVES ROCHA¹; BARBARA CRISTINA BALDEZ VASCONCELOS; JULIANA ALMEIDA VIEIRA¹; GEANE OLIVEIRA SILVA¹; TAIANY NOGUEIRA FERNANDES²; ANDRÉ PEREIRA VIANA¹; CÁSSIO DIEGO SÁ SERIQUE¹; CARLOS SANTOS FILHO¹; RAISSA RIBEIRO BRINGEL¹; FRANCISCO FERNANDO DACIER LOBATO TEIXEIRA³; MILENE SILVEIRA FERREIRA⁴; SAMIR MANSOUR MORAES CASSEB⁴; VALÉRIA LIMA CARVALHO⁴; KARLA FABIANE LOPES DE MELO⁴; PAULO HENRIQUE GOMES DE CASTRO⁵; SANDERSON CORREA ARAUJO⁶; SAMIA DEMACHKI¹; ANA KARYSSA MENDES ANAÍSSI¹; MARCIA CONSENTINO KRONKA SOSTHENES¹; DANIEL GUERREIRO DINIZ¹

1.UNIVERSIDADE FEDERAL DO PARÁ, UFPA, INSTITUTO DE CIÊNCIAS BIOLÓGICAS, BELÉM, PA, BRASIL;
2.UNIVERSIDADE DA AMAZÔNIA, CURSO DE GRADUAÇÃO EM BIOLOGIA, BELÉM, PA, BRASIL; 3.UNIVERSIDADE DO ESTADO DO PARÁ, UEPa, CENTRO DE CIÊNCIAS DA SAÚDE, BELÉM, PA, BRASIL; 4.INSTITUTO EVANDRO CHAGAS, IEC, DEPARTAMENTO DE ARBOVIROLOGIA E FEBRES HEMORRÁGICAS, ANANINDEUA, PA, BRASIL; 5.CENTRO NACIONAL DE PRIMATAS, INSTITUTO EVANDRO CHAGAS, ANANINDEUA, PA, BRASIL; 6.INSTITUTO EVANDRO CHAGAS, IEC, DEPARTAMENTO DE MICROSCOPIA ELETRÔNICA, ANANINDEUA, PA, BRASIL.

PO090 - LONG-LASTING EFFECTS OF FOOD DEPRIVATION ON ETHANOL-INDUCED CONDITIONED PLACE PREFERENCE IN MICE AT DIFFERENT AGES

ANDRÉ WILLIAN HOLLAIS¹; EDUARDO ARY VILLELA MARINHO²; ALEXANDRE JUSTO OLIVEIRA-LIMA²; RENAN SANTOS¹; THAIS SUEMI YOKOYAMA¹; ALINE RIBEIRO BORÇOI¹; RAPHAEL WUO-SILVA¹; LAIS FERNANDA BERRO¹; CAMILLA LIMA PATTI¹; ROBERTO FRUSSA-FILHO¹; BEATRIZ MONTEIRO LONGO¹

1.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDADE ESTADUAL DE SANTA CRUZ, ILHÉUS, BA, BRASIL.

PO092 - DIFFERENT PATTERNS OF EPILEPTIFORM ACTIVITY IN VITRO ARE GENERATED IN THE SCLEROTIC HIPPOCAMPUS FROM PATIENTS WITH DRUG-RESISTANT TEMPORAL LOBE EPILEPSY

SELVIN ZACARIAS REYES GARCIA; CARLA ALESSANDRA SCORZA; ELSA MARCIA YACUBIAN; RICARDO CENTENO; ESPER ABRÃO CAVALHEIRO

UNIFESP, SÃO PAULO, SP, BRASIL.

PO093 - FUNCTIONAL RECOVERY AFTER NERVE CRUSH SCIATIC PERIPHERAL NERVE AND TREATMENT-ANG 1-7

ALEX DIAS ASSIS; FERNANDA ASSIS ARAÚJO; RENATA GRACIELE ZANON
FEDERAL UNIVERSITY OF UBERLANDIA, UBERLANDIA, MG, BRASIL.

PO094 - PHOTOTHROMBOSIS-EVOKED CHANGES IN EXPRESSION LEVEL OF GENES CODING FOR ENZYMES

ASSOCIATED WITH MODIFICATION OF POLYSACCHARIDE COMPONENTS OF PERINEURONAL NETS IN THE MOUSE BRAIN
ANNA KATARZYNA GRĘDA; DOROTA NOWICKA

NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY POLISH ACADEMY OF SCIENCES, WARSAW, POLÓNIA.

PO095 - THERAPEUTIC EFFECTIVENESS OF PEROXISOME PROLIFERATOR ACTIVATED RECEPTORS ACTIVATION IN A HUNTINGTON DISEASE MODEL

ADRIANA MORALES¹; PABLO ELIAS MARTINEZ²; ABSALOM ZAMORANO³; FRANCISCA PEREZ-SEVERIANO²

1.ENMH, INNN, MEXICO, MÉXICO; 2.INNN, MEXICO, MÉXICO; 3.ENMH, MEXICO, MÉXICO.

PO096 - CELL CYCLE REGULATION OF THE ADULT HIPPOCAMPAL PROGENITOR CELLS IN DEPRESSION AND BY ANTIDEPRESSANTS

PATRICIA PATRICIO; ANTÓNIO PINHEIRO; ANA RITA MACHADO-SANTOS; NUNO DINIS ALVES; MÓNICA MORAIS; NUNO SOUSA; LUÍSA PINTO

LIFE AND HEALTH SCIENCES RESEARCH INSTITUTE (ICVS), BRAGA, PORTUGAL.

PO097 - THE ANTIDEPRESSANT-LIKE EFFECT OF VAGUS NERVE STIMULATION IS MEDIATED THROUGH THE LOCUS COERULEUS

ANNELIES GRIMONPREZ; ROBRECHT RAEDT; JEANELLE PORTELLI; INE DAUWE; LARS EMIL LARSEN; CHARLOTTE BOUCKAERT; JEAN DEBLEKE; EVELIEN CARRETTE; ALFRED MEURS; VEERLE DE HERDT; PAUL BOON; KRISTL VONCK
GHENT UNIVERSITY, GHENT, BÉLGICA.

PO098 - MODULATION OF INTRACELLULAR SIGNALING PATHWAYS IN GLIOBLASTOMA TREATMENT – P-PKC PAN AS A NEW POTENTIAL TARGET

JOANA BALÇA-SILVA¹; DIANA MATIAS²; ANÁLIA DO CARMO³; ANA BELA SARMENTO-RIBEIRO¹; VIVALDO MOURA-NETO⁴; MARIA CELESTE LOPES⁵

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PO099 - ADOLESCENT EXPOSURE TO COCAINE MODULATES CORTICAL ARCHITECTURE: FOCUS ON LONG-TERM ADAPTIVE CHANGES

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PO100 - GLIAL PLASTICITY AS A KEY MECHANISM UNDERLYING THE PATHOPHYSIOLOGY OF DEPRESSION

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PO101 - GENDER-SPECIFIC MODULATION OF GLUCOCORTICOID RECEPTOR AND MECP2 BY PERINATAL PROTEIN MALNUTRITION AND POSTNATAL ENVIRONMENT MICE.

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PO102 - INFLAMMATORY RESPONSE IN MULTIPLE SCLEROSIS LESIONS

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PO103 - POSTNATAL NMDA RECEPTOR ABLATION IN CORTICO-LIMBIC INTERNEURONS RESULTS IN A DECREASED HIPPOCAMPAL-PREFRONTAL CORTEX FUNCTIONAL CONNECTIVITY IN A MOUSE MODEL OF SCHIZOPHRENIA.

RODRIGO J. ALVAREZ; CAMILA L. ZOLD; JUAN E. BELFORTE
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PO105 - SMOKED COCAINE: CHEMICAL ANALYSIS OF SEIZED SAMPLES AND THE ROLE OF CAFFEINE IN ITS CENTRAL ACTIONS

MARTIN GALVALISI; JOSÉ PEDRO PRIETO; MARCELA MARTÍNEZ; JUAN ANDRES ABIN-CARRIQUIRY; MARIA CECILIA SCORZA

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PO106 - CYCLIN-DEPENDENT KINASE 5 INHIBITION IMPAIRS DOPAMINE TRANSPORTER INTERNALIZATION: IMPLICATIONS FOR ATTENTION-DEFICIT HYPERACTIVITY DISORDER

GUILLERMO CÉSAR FERNÁNDEZ; GONZALO QUASSOLLO; FAVIO KRAPACHER; SOLEDAD FERRERAS; VICTORIA PISANO; GABRIELA PAGLINI

INSTITUTO FERREYRA INIMEC-CONICET-UNC, CÓRDOBA, ARGENTINA.

PO107 - INTERACTION OF GENE-ENVIRONMENT: PLASTICITY GENES OF GENETICALLY FIXED BEHAVIORAL TRAITS REBEKKA DIEPOLD; SERGEY SOTNIKOV; PETER WEBER; RAINER LANDGRAF; LUDWIG CZIBERE

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PO108 - EXTREMELY LOW FREQUENCY MAGNETIC FIELDS EXPOSITION DECREASES L-DOPA INDUCED DYSKINESIAS IN A RAT MODEL OF PARKINSON'S DISEASE

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UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, MÉXICO, MÉXICO.

PO109 - EPIGENETIC REGULATION OF ADENOSINE A2A AND DOPAMINE D2 RECEPTOR GENE TRANSCRIPTION ON COMPULSIVE FOOD CONSUMPTION

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PO110 - EVALUATION OF SAINT LOUIS ENCEPHALITIS VIRUS INFECTIVITY IN VERO CELLS AND ASTROCYTES BY MTT AND PFU TECHNIQUES

MARIANA SILVESTRE VELOSO; ADRIANO LARA ZURA; HEBER LEÃO SILVA BARROS; JULIANA HELENA CHAVÉZ; RENATA GRACIELE ZANON

FEDERAL UNIVERSITY OF UBERLANDIA, UBERLÂNDIA, MG, BRASIL.

PO111 - ROLE OF INFLAMMATION, ANGIOGENESIS AND METABOLIC REGULATION IN PATHOPHYSIOLOGY OF AGE RELATED MACULAR DEGENERATION IN INDIAN PATIENTS

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PO112 - ASTROCYTES FROM HYPOTHALAMUS RESPOND TO HIGH FATTY DIET AND SWIMMING TRAINING
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UBERLÂNDIA, MG, BRASIL; 3.STATE UNIVERSITY OF CAMPINAS, CAMPINAS, SP, BRASIL.

PO113 - EVALUATION OF INFLAMMATORY MARKERS, OXIDATIVE STRESS AND ALA16VAL-MNSOD2 GENE
POLYMORPHISM IN PATIENTS WHO HAVE SUFFERED CEREBRAL VASCULAR ACCIDENT (CVA)
ANA LETÍCIA FORNARI; MICHELE RECHIA FIGHERA; ALINE KEGLER; EDUARDO PASCOTINI; FERNANDA HAUPENTHAL
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PO114 - DCC CONFERS SUSCEPTIBILITY TO DEPRESSION-LIKE BEHAVIORS IN HUMANS AND MICE AND IS REGULATED
BY MIR-218

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3.MOUNT SINAI SCHOOL OF MEDICINE, NEW YORK, ESTADOS UNIDOS.

PO115 - EFFECT OF LOW INTENSITY AQUATIC EXERCISE ON ASTROGLIOSIS AND SYNAPTIC DENSITY IN THE
HYPOTHALAMUS FROM HIGH FAT DIET INDUCED OBESITY ANIMALS

JEFERSON JOSE GOMES SOARES; MIRIAM PIMENTA PEREIRA; PEDRO AUGUSTO SILVA NOGUEIRA; VINICIUS FREITAS
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PO116 - EARLY LIFE LEAD EXPOSURE AND ITS EPIGENETIC EFFECT ON LATER LIFE RETINAL DEGENERATION IN MOUSE
MODEL OF RETINAL ISCHEMIA

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ÍNDIA.

PO117 - IS THERE ANY CROSS TALK BETWEEN ANG AND VEGFR2 IN PATHOGENESIS OF AMYOTROPHIC LATERAL
SCLEROSIS?

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SYSTEMS BIOLOGY AND BIOINFORMATICS, PANJAB UNIVERSITY, CHANDIGARH, ÍNDIA.

PO118 - PHYSIOLOGICAL EFFECTS AND BRAIN OXIDATIVE STRESS FOLLOWING SWIM EXERCISE ON OVERWEIGHT
ANIMAL INDUCED BY FAT DIET

MIRIAM PIMENTA PEREIRA; JEFERSON JOSÉ SOARES; PEDRO AUGUSTO NOGUEIRA; VINÍCIUS FREITAS FERNANDES;
ANDERSON FERRAZ FILHO; FRANÇOISE VASCONCELOS BOTELHO; RENATA GRACIELE ZANON

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PO119 - SUBSTANTIA NIGRA ENDOCANNABINOID MECHANISMS MODULATE NIGRO-TECTAL PATHWAYS DURING THE ORGANISATION OF DEFENSIVE BEHAVIOUR IN A DANGEROUS ENVIRONMENT

RAFAEL CARVALHO ALMADA; CAMILA MARRONI RONCON; DAOUD HIBRAHIM ELIAS-FILHO; NORBERTO CYSNE COIMBRA

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PO120 - FATTY ACID AND GM1 TREATMENT IN NEUROBLASTOMA CELL CULTURE

FERNANDA NAVES MASCARENHAS; PEDRO AUGUSTO DA SILVA NOGUEIRA; SIMONE RAMOS DECONTE; NAYARA FERREIRA MARTINS; DANIELE LISBOA RIBEIRO; FERNANDA DE ASSIS ARAUJO; RENATA GRACIELE ZANON UFU, UBERLANDIA, MG, BRASIL.

PO121 - EFFECT OF THE INFLAMMATION INDUCED BY POLYURETHANE SPONGE IMPLANTS ON THE PERIPHERAL NERVE REGENERATION

AYRTON SENNA COUTO VALVERDE; ÉRICA VIEIRA DOS SANTOS; FERNANDA DE ASSIS ARAUJO; RENATA GRACIELE ZANON

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PO122 - HIF-1A INHIBITION PREVENTS MORPHOLOGICAL AND FUNCTIONAL IMPAIRMENTS IN HIPPOCAMPUS INDUCED BY PERINATAL ASPHYXIA.

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PO123 - CEREBELLAR COMPARTMENTATION OF PRION PATHOGENESIS

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PO124 - AGMATINE ATTENUATES CHRONIC UNPREDICTABLE MILD STRESS INDUCED DEPRESSION-LIKE BEHAVIOR
AMRITA ASHOK KUMAR CHOWDHURY; NITIN BHANUDAS GAWALI; ARCHANA RAMESH JUVEKAR; PANKAJ SUDHAKAR KOTHAVADE; VIPIN DEEPAK BULANI; SANGITA BALBHIM KUMBHAR
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PO125 - GLIOBLASTOMA CELLS INHIBIT ASTROCYTIC P53-EXPRESSION FAVORING CANCER MALIGNANCY.

HELENA LOBO BORGES; DEBORAH BIASOLI; MORGANA SOBRINHO; ANNA FONSECA; DYANNA DE MATOS; LUCIANA ROMÃO; RENATA MACIEL; STEVENS REHEN; VIVALDO MOURA-NETO; FLAVIA LIMA
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO126 - SEROTONINERGIC INFLUENCE ON CORTICAL SPREADING DEPRESSION IN THE RAT: EVIDENCE FROM ELECTRICAL STIMULATION OF THE RAPHE NUCLEI COMPLEX

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PO127 - EFFECT OF FATTY ACID TREATED ASTROCYTE CONDITIONED MEDIUM ON HYPOTHALAMIC NEURONS

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PO128 - COMPARATIVE ANALYSIS OF TRANS-CORNEAL AND TRANS-SCLERAL ROUTES OF SUBRETINAL DELIVERY IN THE MOUSE RETINA

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PO129 - THE ROLE OF LOW DENSITY LIPOPROTEIN RECEPTOR-RELATED PROTEIN 1 (LRP1) IN CNS MYELIN DEVELOPMENT, STABILITY AND REPAIR

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PO130 - MICROGLIA RAPIDLY ADOPT A FILOPODIA-RICH PHENOTYPE UPON OXYGEN DEPLETION BY SENSING TISSUE ACIDOSIS

LOUIS-PHILIPPE BERNIER; LASSE DISSING-OLESEN; JASMIN K HEFENDEHL; JEFFREY M LEDUE; BRIAN A MACVICAR
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PO131 - DIAGNOSTIC ROLE OF SERUM MATRIX-METALLOPROTEINASES IN PARKINSON'S DISEASE

MANISH BAJPAI; VINEETA GUPTA; SHAILJA SHUKLA; RAVINDRA KUMAR GARG; SANJAY KHATTRI
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PO132 - EVALUATION OF DYSTROPHIN GENE INDUCED SPECIFIC COGNITIVE DEFICITS IN DUCHENNE MUSCULAR DYSTROPHY PATIENTS

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PO133 - ASTROCYTIC CLASMATODENDROSIS, AUTOFLUORESCENT DEPOSITS AND ACCUMULATION OF A BETA PEPTIDE IN CA1 HIPPOCAMPUS: POSSIBLE LINKS WITH AGING-DEPENDENT NEURODEGENERATION?

DANIELE LANA¹; DANIELE NOSI²; RAFFAELLA MERCATELLI³; MONICA BUCCIANINI⁴; FRANCO QUERCIOLE⁵; SANDRA ZECCHI²; MARIA GRAZIA GIOVANNINI¹
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PO134 - ASPARTAME TREATMENT EARLY IN LIFE MODULATES BRAIN ELECTRICAL ACTIVITY AT ADULthood: A CORTICAL SPREADING DEPRESSION ANALYSIS IN RATS.

SUÊNIA MARCELE VITOR LIMA; PAULA CATIRINA PEREIRA DA SILVA GERMANO; ALINE DUARTE DE SOUZA; MANOEL AUGUSTO BARBOSA DA COSTA MENDONÇA; RUBEM CARLOS ARAÚJO GUEDES
UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO135 - ACTIVATION OF THE GLIAL CELLS IN THE NUCLEUS ACCUMBENS INCREASES THE MAINTENANCE AND REINSTATEMENT OF METHAMPHETAMINE SEEKING IN CONDITIONED PLACE PREFERENCE PARADIGM

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2.PERSIAN GULF RESEARCH CENTER FOR STEM CELL THERAPY, HORMOZGAN UNIVERSITY OF MEDICAL SCIENCES, BANDAR ABBAS, IRAN.

PO136 - EFFECTS OF ACUTE RIMONABANT ADMINISTRATION ON SPONTANEOUS LOCOMOTOR ACTIVITY, ACUTE MORPHINE-INDUCED HYPERLOCOMOTION AND MORPHINE-INDUCED BEHAVIORAL SENSITIZATION IN MICE

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PO137 - PERINATAL ASPHYXIA INDUCES APOPTOTIC-LIKE CELL DEATH, OVERACTIVATION OF SENTINEL PROTEINS, PRO INFLAMMATORY SIGNALLING AND DELAYED DOPAMINERGIC DEFICITS: PREVENTION BY NEONATAL NICOTINAMIDE TREATMENT

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PO138 - INCREASED EXPRESSION OF BDNF TRANSCRIPT WITH EXON VI IN HIPPOCAMPUS OF PATIENTS WITH PHARMACO-RESISTANT TEMPORAL LOBE EPILEPSY

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PO139 - CONTEXT-DEPENDENT EFFECTS OF RIMONABANT ON THE DEVELOPMENT OF COCAINE-INDUCED BEHAVIORAL SENSITIZATION IN MICE: THE IMPORTANCE OF SOCIAL AND ENVIRONMENTAL FACTORS

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P0140 - HIV-1 TAT PROTEIN INDUCES MICROGLIAL NEUROTOXIC ACTIVITY VIA VOLTAGE-GATED K⁺ CHANNEL KV1.3
 HUANGUI XIONG; JIANUO LIU; XU PENG; CORY COLLINS; HAN LIU
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P0141 - CO-MORBID EFFECTS OF METHAMPHETAMINE AND HIV-1GP120 ON MICROGLIA-INDUCED NEUROTOXICITY: ROLE OF VOLTAGE-GATED K CHANNELS
 JINAO LIU; CORY COLLINS; HAN LIU; JINGDONG ZHANG; HUANGUI XIONG
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P0142 - OPIORPHIN ADMINISTERED SYSTEMICALLY CAUSES PANICOLYTIC-LIKE EFFECT MEDIATED BY MU-OPIOID IN RAT ESCAPE MODELS
 JHONATAN CHRISTIAN MARASCHIN¹; MARCEL PEREIRA RANGEL¹; ANTONIO JOAQUIM BONFIM¹; MARIANA KITAYAMA¹; CAIO CÉSAR SESTILE¹; FREDERICO GUILHERME GRAEFF²; HÉLIO ZANGROSSI JÚNIOR³; ELISABETH APARECIDA AUDI⁴
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P0143 - CILOSTAZOL BUT NOT SILDENAFIL PREVENTS MEMORY IMPAIRMENT AFTER CHRONIC CEREBRAL HYPOPERFUSION IN MIDDLE-AGED RATS
 JACQUELINE GODINHO; JANAINA NICOLAU DE OLIVEIRA; EMILENE DIAS FIUZA FERREIRA; GISLENE GONÇALVES DIAS ZAGHI; CRISTIANO CORREIA BACARIN; RUBIA MARIA WEFFORT DE OLIVEIRA; HUMBERTO MILANI
 STATE UNIVERSITY OF MARINGÁ, MARINGÁ, PR, BRASIL.

P0144 - USE OF HOLE BOARD AS A TEST TO MEASURE MANIA-LIKE BEHAVIORS IN MICE
 LISIANE DE SANTANA SOUZA; VANESSA DE PAULA SOARES-RACHETTI; ELAINE CRISTINA GAVIOLI
 BEHAVIORAL PHARMACOLOGY LAB, DEPARTMENT OF BIOPHYSICS AND PHARMACOLOGY, FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

P0145 - NEONATAL HYPOXIA-ISCHEMIA ALTERS OXIDATIVE STRESS PARAMETERS IN BRAIN OF RATS SUBMITTED TO MATERNAL EXERCISE
 CRISTIANE MATTE¹; THIAGO BELTRAM MARCELINO¹; PATRICIA IDALINA DE LEMOS RODRIGUES²; PATRICIA MAIDANA MIGUEL³; CARLOS ALEXANDRE NETTO¹; LENIR ORLANDI PEREIRA SILVA³
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P0146 - CONNECTIVITY DISRUPTION AND CATEGORIZATION DISABILITIES IN AUTISM: A COMPUTATIONAL MODEL
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PO147 - A NOVEL GENE, SAD, IS REQUIRED FOR MAINTAINING NEURAL INTEGRITY IN DROSOPHILA IN AGING BY A NON-CELL AUTONOMOUS MECHANISM

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1.IRCBC, SIOC, CHINESE ACADEMY OF SCIENCES, SHANGHAI, CHINA; 2.UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, ESTADOS UNIDOS.

PO148 - EFFECT OF DEEP BRAIN STIMULATION IN THE AMYGDALA THROUGH THE REDUCTION OF SYMPTOMS POST TRAUMATIC STRESS DISORDER (PTSD) DUE TO ELECTRIC FOOT SHOCK IN RATS.

MINA MOKHTARI MOKHTARI HASHTJIN; HEDAYAT SAHRAEI; GILA PIRZAD JAHROMI

NEUROSCIENCE DEPARTMENT MEDICAL SCHOOL BAQYIATALLAH UNIVERSITY, TEHRAN, IRAN.

PO149 - DORSAL PERIAQUEDUCTAL GREY M-OPIOID RECEPTORS MEDIATE FLUOXETINE EFFECTS: MORPHOLOGICAL AND PHARMACOLOGICAL EVIDENCE

CAMILA MARRONI RONCON¹; RAFAEL CARVALHO ALMADA¹; JHONATAN MARASCHN²; DAOUD HIBRAHIM ELIAS FILHO¹; ELISABETH APARECIDA AUDI²; HÉLIO ZANGROSSI JUNIOR¹; FREDERICO GUILHERME GRAEFF³; NORBERTO CYSNE COIMBRA¹

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PO150 - NITRIC OXIDE-MEDIATED MICROGLIAL PHAGOCYTOSIS AND WHY CARBON MONOXIDE COULD BE BENEFICIAL FOR THE INFLAMED BRAIN

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PO151 - EARLY-LIFE ENVIRONMENTAL ENRICHMENT PREVENTS BEHAVIORAL DEFICITS IN AN ANIMAL MODEL OF SCHIZOPHRENIA

CAMILA MAURICIO SANTOS; FERNANDA FIEL PERES; MARIANA CEPOLLARO DIANA; DOUGLAS ALBUQUERQUE GOUVEA; VANESSA COSTHEK ABILIO

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PO152 - ROLE OF CRF TYPE 2 RECEPTORS FROM THE MEDIAL AMYGDALA IN BEHAVIOURAL DEFENSIVE RESPONSES MEASURED IN THE ELEVATED-T MAZE

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PO153 - STUDY THE EFFECT OF OREXIN-A IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS IN MICE

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RAZI INSTITUTE FOR DRUG RESEARCH, IRAN UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN.

PO154 - IMMUNONEUTRALIZATION OF TUMOR NECROSIS FACTOR-RELATED APOPTOSIS INDUCING LIGAND

AMELIORATES COGNITIVE AND NEUROINFLAMMATORY PARAMETERS IN A MOUSE MODEL OF ALZHEIMER'S DISEASE



GIUSEPPINA CANTARELLA; GIULIA DI BENEDETTO; DANIELA PUZZO; CARLA LORETO; SALVATORE SACCONI; RENATO BERNARDINI
UNIVERSITY OF CATANIA, CATANIA, ITALY.

PO155 - CURATIVE ACTIVITY OF EXTRACT OF NAUCLEA LATIFOLIA AND COARTEM® DECREASES GFAP IMMUNOPosITIVE CELLS, PYREXIA AND OXIDATIVE STRESS IN A PLASMODIUM BERGHEI ANKA INFECTION
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PO156 - MERCURY-INTOXICATION DURING THE PREGNANCY ALTERS THE NEUROPHYSIOLOGICAL FUNCTION IN THE OFFSPRING OF WISTAR RATS: AN ELECTROPHYSIOLOGICAL STUDY
ISIS JASPE REIS DA SILVA; NATÁLIA CRISTINA SILVA SIQUEIRA; NAARA RAFAELA DE LIMA PONCIANO; ANDREZA SOUZA MIRANDA; LUIZ SANTOS BATISTA; VANESSA JOIA DE MELLO; MOISÉS HAMOY
FEDERAL UNIVERSITY OF PARA, BELÉM, PA, BRASIL.

PO157 - BLOCKADE OF OREXIN TYPE 1 RECEPTORS INHIBITS THE DEVELOPMENT OF MORPHINE TOLERANCE IN LATERAL PARAGIGANTOCELLULARIS NUCLEUS: AN ELECTROPHYSIOLOGICAL APPROACH
MASOUMEH GHAEMI GHAEMI JANDABI; HOSSEIN AZIZI; SAEED SEMNANIAN
TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN.

PO158 - SHH SIGNALING PATHWAY IN THE MODULATION OF GLIOBLASTOMA PROLIFERATION
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PO159 - EFFECT OF STRESS-INDUCED REINSTATEMENT OF EXTINGUISHED MORPHINE-INDUCED CONDITIONED PLACE PREFERENCE (CPP) ON THE CHANGE IN P-CREB AND C-FOS LEVELS IN THE NUCLEUS ACCUMBENS: INVOLVEMENT OF GLUCOCORTIC
ZAHRA FATAHI FATAHI VANANI; ABBAS HAGHPARAST; YASAMAN RAZAVI; FARIBA KHODAGHOLI
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PO160 - MICROINJECTION OF OREXIN-1 RECEPTOR ANTAGONIST INTO THE DENTATE GYRUS ATTENUATED THE ACQUISITION AND EXTINCTION BUT NOT EXPRESSION OF LATERAL HYPOTHALAMIC-INDUCED CONDITIONED PLACE PREFERENCE IN RATS
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PO161 - BEHAVIORAL, BIOCHEMICAL AND MOLECULAR CHANGES INDUCED BY CHRONIC CRACK COCAINE INHALATION IN MICE: ROLE OF DOPAMINERGIC AND ENDOCANNABINOID SYSTEMS IN THE PREFRONTAL CORTEX.
LORENA BIANCHINE AREAL¹; ISABELA OLIVEIRA DOS ANJOS ALVIM¹; LIVIA CARLA DE MELO RODRIGUES¹; FILIPE ANDRICH¹; LIVIA SILVEIRA MORAES¹; MARIA APARECIDA CICILINI¹; JOSIDEIA BARRETO MENDONÇA²; FABRICIO SOUZA PELIÇÃO²; ESTER MIYUKI NAKAMURA PALACIOS¹; CRISTINA MARTINS SILVA¹; RITA GOMES WANDERLEY PIRES¹
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P0162 - VISUAL INFORMATION DEFICIT IN HINDI-SPEAKING CHILDREN WITH DEVELOPMENTAL DYSLEXIA: AN EVENT RELATED POTENTIAL (ERP) STUDY

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P0163 - MISMATCH NEGATIVITY-LIKE RESPONSES IN AWAKE AND ANAESTHETISED MOUSE MODELS RELEVANT TO SCHIZOPHRENIA

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P0164 - N-ACETYLCYSTEINE TREATMENT BLOCKED ETHANOL-INDUCED BEHAVIORAL SENSITIZATION

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P0165 - ASSESSMENT OF BIODEGRADABLE SPIONS ENCAPSULATED POLYMERSOMES AS EFFICIENT BRAIN TARGETING DRUG CARRIERS

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P0166 - INVOLVEMENT OF THE ENDOCANNABINOID SYSTEM ON NEUROINFLAMMATION IN THE PREFRONTAL CORTEX AND HIPPOCAMPUS OF ADOLESCENT RATS SUBMITTED TO CHRONIC BINGE ALCOHOL

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P0167 - EFFECTS OF MATERNAL SWIMMING ON MITOCHONDRIAL FUNCTION AND REACTIVE SPECIES LEVELS OF OFFSPRING'S ORGANOTYPIC HIPPOCAMPAL CULTURE EXPOSED TO AB1-42 OLIGOMERS

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P0168 - PAROXYSMAL NONKINESIOGENIC DYSKINESIA OF EPILEPTIC ORIGIN: NEUROPSYCHOLOGICAL, CLINICAL AND ELECTROENCEPHALOGRAPHIC CONVERGENCES.

MARIA LUISA MAIA NOBRE DE PAIVA¹; FERNANDO TENÓRIO GAMELEIRA²; KARINA TORRES ALUCIO²; KATHLEEN CAROLINE DE LIMA CARLOS¹; KEDMA MAYARA DE LIMA¹; KAROLINE ANDRESSA LOPES AMANCIO¹; GRACE ANE MORGANA CAVALCANTE DE QUEIROZ¹; VANINA PEREIRA NAZÁRIO¹

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P0169 - PRENATAL ARSENIC EXPOSURE IMPAIRED BEHAVIORAL FLEXIBILITY AND MORPHOLOGY OF CORTEX IN MICE

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PO170 - A COMPARATIVE STUDY OF DIFFERENT STEM CELLS FOR TREATMENT OF RAT SPINAL CORD INJURY
PAVLA JENDELOVA1; JIRI RUZICKA1; LUCIA MACHOVA URDZIKOVA1; JOHN GILICK2; TAKASHI AMEMORI1; NATALIYA ROMANYUK1; KRISTYNA KAROVA1; SARKA KUBINOVA1; KRISTYNA ZAVISOVA1; MEENA JHANWAR-UNIYAL2; EVA SYKOVA1

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PO171 - MODELING LONG-TERM DIABETES-RELATED NEURAL COMPLICATIONS IN RATS
ROBERT GABRIEL1; ZSOFIA HAJNA2; KRISZTINA SZABADFI1; TAMAS KOSZEGI3; VALERIA TEKUS2; ZSUZSANNA HELYES2; SANDOR FARKAS4; GYULA SZÜCS4; ZSOLT BÍRÓ5; ERIKA PINTER2

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PO172 - CHARACTERIZATION OF STATUS EPILEPTICUS INDUCED BY INTRAHIPPOCAMPAL KAINIC ACID INFUSION IN FREELY MOVING MICE

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PO173 - PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE, A NEW POTENTIAL THERAPEUTIC AGENT FOR DIABETIC RETINOPATHY IN RATS: FOCUS ON THE VERTICAL PATHWAY

MARTA M WILHELM1; KRISZTINA SZABADFI2; ALIZ SZABO3; BALINT SZALONTAI2; ANDREA VALASEK2; GYORGY SETALO4; PETER KISS5; DORA REGLÓDI5; KRISZTINA KOVACS3; ANDREA TAMAS5; ROBERT GABRIEL2

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PO174 - INVESTIGATING THE EFFECT OF RTMS ON ELECTROPHYSIOLOGICAL PROPERTIES AND GABAERGIC CURRENTS OF HIPPOCAMPAL CA1 PYRAMIDAL NEURONS FOLLOWING AMYGDALA-KINDLING IN RAT

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PO175 - RNA METABOLISM IMPAIRMENTS IN ALZHEIMER'S DISEASE: FROM EXON INCLUSION TO MIS-REGULATED POLYADENYLATION AND NON-CODING RNA

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PO176 - EFFECT OF SERTRALINE AND ITS ASSOCIATION WITH INSULIN IN RATS WITH TYPE 2 DIABETES MELLITUS INDUCED BY STREPTOZOTOCIN SUBMITTED TO FORCED SWIMMING TEST.

CAIO CÉSAR SESTILE; JHONATAN CHRISTIAN MARASCHIN; MARCEL PEREIRA RANGEL; MARIANA KITAYAMA; ROBERTO KENJI NAKAMURA CUMAN; ELISABETH APARECIDA AUDI
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PO177 - EVALUATION OF BLOOD BRAIN BARRIER INTEGRITY AND MATRIX METALLOPROTEINASES-2 AND -9 IN AN ANIMAL MODEL OF CONGENITAL MUSCULAR DYSTROPHY 1D
 ARYADNE L SCHACTAE¹; DAPHNE PALMAS¹; VIVIANE FREIBERGER¹; LETÍCIA VENTURA¹; JANINI J PATRÍCIO¹; MONIQUE MICHELS²; JAQUELINE S GENEROSO²; TATIANA BARICHELLO²; FELIPE DAL-PIZZOL²; CLARISSA M COMIM¹
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PO178 - ASSOCIATION OF COPPER AND CHOLESTEROL SUPPLEMENTATION WITH THE DEVELOPMENT OF HYPERCHOLESTEROLEMIC BRAINS
 NATHALIE ARNAL; MARIANA ASTIZ; MAURO MONTANARO; CARLOS MARRA
 INSTITUTE OF BIOCHEMICAL RESEARCH FROM LA PLATA, LA PLATA, ARGENTINA.

PO179 - GALANTAMINE, AN ACETYLCHOLINESTERASE INHIBITOR, IMPROVES FUNCTIONAL RECOVERY AND REDUCES MORPHOLOGICAL DEFICITS IN A RAT MODEL OF SPINAL CORD INJURY
 LAURA ELENA SPERLING; KARINA REIS; FABRICIO NICOLA; EDUARDO SANCHES; MARILIA MARQUES; CARLOS ALEXANDRE NETTO; PATRICIA PRANKE
 UFRGS, PORTO ALEGRE, RS, BRASIL.

PO180 - PHOSPHOLIPASES A2 ISOLATED FROM MICRURUS LEMNISCATUS SNAKE VENOM INHIBITS CELL PROLIFERATION THROUGH THE ACTIVATION OF P53 IN CULTURED ASTROCYTES.
 MARIA REGINA LOPES SANDOVAL; DURVANEI AUGUSTO MARIA; MANUELA GARCIA LAVELI SILVA; ANDREIA SOUZA IMBERG; LUNA BARTLEWSKI; EDUARDO OSÓRIO FRARE; SOLANGE CASTRO AFECHÉ
 BUTANTAN INSTITUTE, SAO PAULO, SP, BRASIL.

PO181 - ADJUVANT CENTRAL AND PERIPHERAL STIMULATION TO ENHANCE EFFECTS OF MOTOR TRAINING IN PATIENTS WITH STROKE - PRELIMINARY RESULTS
 ADRIANA CONFORTO¹; SARAH MONTEIRO ANJOS¹; JULIANA CONTI¹; ISABELLA SOUZA MENEZES¹; ANDRÉ G. MACHADO²; EDUARDO ARRUDA MELLO¹; INARA LAURINDO SIQUEIRA¹; P. HUNTER PECKHAM³; LEONARDO G. COHEN⁴
 1.NEUROLOGY CLINICAL DIVISION, HOSPITAL DAS CLINICAS SÃO PAULO UNIVERSITY, SÃO PAULO, SP, BRASIL; 2.CENTER FOR NEUROLOGICAL RESTORATION, DEPARTMENT OF NEUROSURGERY, NEUROLOGICAL INSTITUTE, CLEVELAND CLINIC, CLEVELAND, ESTADOS UNIDOS; 3.DEPARTMENT OF BIOMEDICAL ENGINEERING, CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, ESTADOS UNIDOS; 4.HUMAN CORTICAL PHYSIOLOGY AND STROKE REHABILITATION SECTION, NATIONAL INSTITUTE OF NEUROLOGICAL DISORDER AND STROKE, NATIONAL INSTITUTE OF HEALTH, BETHESDA, ESTADOS UNIDOS.

PO182 - EFFECTS OF LOW INTENSITY TRAINING ON THE BRAIN ENERGETIC METABOLISM IN AN ANIMAL MODEL OF CONGENITAL MUSCULAR DYSTROPHY 1D
 VIVIANE FREIBERGER¹; LETÍCIA VENTURA¹; JAIME A SOARES¹; DAPHNE PALMAS¹; JANINI J PATRÍCIO¹; THIAGO C MARTINS¹; MELINE S MORAIS²; MARIANA S MILVERSTET²; DANIEL F MARTINS¹; MARIZ VAINZOF³; EMÍLIO L STRECK²; CLARISSA M COMIM¹
 1.UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL; 2.UNIVERSITY OF SOUTHERN SANTA CATARINA, CRICIÚMA, SC, BRASIL; 3.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO183 - HU-474, A CANNABIDIOL ANALOGUE, DECREASES MARBLE-BURYING BEHAVIOR IN MICE VIA FACILITATION OF CB1 RECEPTOR-MEDIATED NEUROTRANSMISSION
 NICOLE RODRIGUES DA SILVA¹; FELIPE VILLELA GOMES¹; RAFAEL MECHOULAM²; ANTONIO WALDO ZUARDI¹; JOSE ALEXANDRE DE SOUZA CRIPPA¹; JAIME EDUARDO CECILIO HALLAK¹; FRANCISCO SILVEIRA GUIMARÃES¹
 1.UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 2.HEBREW UNIVERSITY OF JERUSALEM, JERUSALEM, ISRAEL.

P0184 - CENTRALLY INJECTED DIGOXIN REDUCES THE LATENCY TO MIOCLONIC JERKS INDUCED BY PENTYLENETETRAZOLE

CRISTIANE QUEIXA TILELLI¹; PAULA FIRMO SANTOS¹; SILVIA RAMOS SILVA¹; HERICA DE LIMA SANTOS¹; LEANDRO AUGUSTO DE OLIVEIRA BARBOSA¹; NORBERTO GARCIA-CAIRASCO²

1.UFSJ, DIVINÓPOLIS, MG, BRASIL; 2.FMRP-USP, RIBEIRÃO PRETO, SP, BRASIL.

P0185 - ISCHEMIC BRAIN PRODUCES CHARACTERISTIC ELECTROPHYSIOLOGICAL CHANGES.

PEDRO GABRIEL DE ARAÚJO CORDEIRO; MARCOS RAIMUNDO PEREIRA DA SILVA; MONIQUE CRISTINA BEZERRA DE MORISSON FARIA; THAMIRES DE CASTRO NAVEGANTES; LUIZ SANTOS BATISTA; RÔMULO AUGUSTO FEIO FARIAS; VANESSA JÓIA DE MELLO; MOISÉS HAMOY

FEDERAL UNIVERSITY OF PARÁ, BELÉM, PA, BRASIL.

P0186 - NEURONAL NITRIC OXIDE SYNTHASE IN THE MEDIAL PREFRONTAL CORTEX MEDIATES THE LASTING ANXIOGENIC-LIKE EFFECT INDUCED BY ACUTE RESTRAINT STRESS IN RATS

CARLA VILA-VERDE; ANA LUIZA ZACOUR MARINHO; SABRINA FRANCESCA LISBOA; FRANCISCO SILVEIRA GUIMARÃES
DEPARTMENT OF PHARMACOLOGY, MEDICAL SCHOOL OF RIBEIRÃO PRETO, UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

P0187 - ACTIVITY-DEPENDENT FORMATION OF A NOVEL PREMOTOR CONNECTION AFTER ISCHEMIC STROKE

ESTHER HANG NIE; GIOVANNI COPPOLA; S THOMAS CARMICHAEL

UCLA SCHOOL OF MEDICINE, LOS ANGELES, ESTADOS UNIDOS.

P0188 - ROLE OF SUBTYPES OF GLUTAMATE RECEPTORS IN INTRACELLULAR ANTIOXIDANT METABOLISM AND ITS RECEPTOR EXPRESSION IN GLIOBLASTOMA

NANDAKUMAR DALAVAIKODIHALLI DALAVAIKODIHALLI NANJIAH; PALANISWAMY RAMASWAMY; HURMATH FATHIMA K
NATIONAL INSTITUTE OF MENTAL HEALTH AND NEUROSCIENCES, BANGALORE, ÍNDIA.

P0189 - ANALYSIS OF ASSOCIATION OF AGER GENE POLYMORPHISM WITH MULTIPLE SCLEROSIS IN THE IRANIAN POPULATION

SADEQ VALLIAN BROOJENI; ALI JAZAERI

UNIVERSITY OF ISFAHAN, ISFAHAN, IRAN.

P0190 - KOREAN RED GINSENG EXTRACT AND HISTOLOGICAL PROPERTIES OF RAT TESTIS IN LITHIUM-PILOCARPINE MODEL OF TEMPORAL LOBE EPILEPSY

MAHIN GANJKHANI; SAEED SHOKRI; SAEED NOUROOZI; ALI ROSTAMI

ZANJAN UNIVERSITY OF MEDICAL SCIENCES, ZANJAN, IRAN.

P0191 - THE USE OF COMBINATION OF FENTANYL WITH METHYLPHENIDATE (RITALIN) IN PATIENT WITH CANCER OF OROFACIAL REGION. CASE REPORT.

JITKA FRICOVA¹; ANNA YAMOTOVA²; RICHARD ROKYTA²

1.CHARLES UNIVERSITY IN PRAGUE, GENERAL UNIVERSITY HOSPITAL, PRAGUE, REPÚBLICA CHECA; 2.CHARLES UNIVERSITY IN PRAGUE, THIRD FACULTY OF MEDICINE, PRAGUE, REPÚBLICA CHECA.

P0192 - EVALUATION OF MAXIMAL LACTATE STEADY STATE IN MDX MICE

ANDREZA HOEPERS; VIVIANE FREIBERGER; LETICIA VENTURA; LETICIA L CUSTÓDIO; DANIEL F MARTINS; CLARISSA M COMIM

UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL.

PO193 - ASSOCIATION BETWEEN DOPAMINERGIC SUBSTANTIA NIGRA LESION AND PARADOXICAL SLEEP DEPRIVATION IMPAIRS AN OLFACTORY DISCRIMINATION TASK

MARIANA HERNANDES FORTES AURICH; ADRIANO TARGA DIAS SANTOS; ANA CAROLINA DUARTE NOSEDA; LAIS SOARES RODRIGUES; JULIANE FAGOTTI; PATRÍCIA SANTOS; MARCELO M. S. LIMA
UNIVERSIDADE FEDERAL DO PARANÁ, CURITIBA, PR, BRASIL.

PO194 - LOCALIZED MISFOLDING WITHIN BROCA'S AREA AS A SPECIFIC FEATURE OF AUTISM DISORDER

CHRISTINE DERUELLE; LUCILE BRUN; GUILLAUME AUZIAS
CNRS, INT, MARSEILLE, FRANÇA.

PO195 - NEUROINFLAMMATORY DIALOGUE AT PRE- AND SYMPTOMATIC STAGES IN THE SPINAL CORD OF THE SOD1G93A TRANSGENIC MOUSE MODEL OF ALS

DORA BRITES¹; CAROLINA CUNHA¹; CATARINA SANTOS¹; CÁTIA GOMES¹; FILIPE NASCIMENTO²; ANA M SEBASTIÃO²; ANA RITA VAZ¹

1.FACULTY OF PHARMACY, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL; 2.INSTITUTE OF MOLECULAR MEDICINE, LISBON, PORTUGAL.

PO196 - LOW INTENSITY EXERCISE EFFECTS ON THE OXIDATIVE STRESS IN BRAIN AND SKELETAL MUSCLE IN CONGENITAL MUSCULAR DYSTROPHY 1D

LETÍCIA VENTURA¹; VIVIANE FREIBERGER¹; JAIME A SOARES¹; DAPHNE PALMAS¹; JANINI J PATRICIO¹; THIAGO C MARTINS¹; AMANDA V STECKERT²; ANA PAULA MENDES²; ANDREZA HOEPERS¹; MARIZ VAINZOF³; JOÃO QUEVEDO²; DANIEL F MARTINS¹; CLARISSA M COMIM¹

1.UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL; 2.UNIVERSITY OF SOUTHERN SANTA CATARINA, CRICIÚMA, SC, BRASIL; 3.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO197 - AGMATINE REVERSES EMOTIONAL AND COGNITIVE IMPAIRMENTS IN THE INTRANASAL MPTP MODEL OF PARKINSON'S DISEASE

MARISSA GIOVANNA SCHAMNE¹; JOSIEL MILENO MACK¹; MORGANA MORETTI²; RUI DANIEL PREDIGER¹

1.UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL; 2.UNIVERSIDADE REGIONAL DE BLUMENAU, BLUMENAU, SC, BRASIL.

PO198 - UNRAVELING THE PAIN IN THE PARKINSON'S DISEASE: EFFECT OF NIGROSTRIATAL LESION ON DESCENDING ANALGESIC PATHWAYS

ANA CAROLINA CAROLINA CAMPOS¹; MIRIA BENATTI BERZUINO¹; ERICH TALAMONI FONOFF²; ROSANA LIMA PAGANO¹

1.HOSPITAL SÍRIO LIBANÊS, SÃO PAULO, SP, BRASIL; 2.UNIVERSITY OF SÃO PAULO MEDICAL SCHOOL, SÃO PAULO, SP, BRASIL.

PO199 - BLOCKADE OF NOCICEPTIN/ORPHANIN FQ RECEPTOR SIGNALING REVERSES LIPOPOLYSACCHARIDE-INDUCED DEPRESSIVE-LIKE BEHAVIOR IN MICE

IRIS UCELLA DE MEDEIROS¹; LAILA ASTH¹; PEDRO ROOSEVELT TORRES ROMÃO²; CHIARA RUZZA³; GIROLAMO CALO³; ELAINE CRISTINA GAVIOLI¹

1.FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 2.HEALTH SCIENCES FEDERAL UNIVERSITY OF PORTO ALEGRE, PORTO ALEGRE, RS, BRASIL; 3.UNIVERSITY OF FERRARA, FERRARA, ITALY.

PO200 - OXIDATIVE VARIABLES IN THE BRAIN AFTER EXPERIMENTAL NEONATAL SEPSIS

CLARISSA M COMIM¹; SILVIA R SIMÃO¹; REGINA M BUSSMANN¹; VIVIANE FREIBERGER¹; LETICIA VENTURA¹; DAPHNE PLAMAS¹; JANINI J PATRICIO¹; HUGO L BALDISSEROTTO¹; ANNA PAULA B SILVA¹; OMAR J CASSOL-JR¹; AMANDA V STECKERT²; ANA PAULA MENDES²; JOÃO QUEVEDO²



1.UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL; 2.UNIVERSITY OF SOUTHERN SANTA CATARINA, CRICIÚMA, SC, BRASIL.

PO201 - BRAIN DIFFUSIVITY AND STRUCTURAL CHANGES IN THE R6/2 MOUSE MODEL OF HUNTINGTON'S DISEASE
LYDIA VARGOVA1; IVAN VORISEK2; MICHAL SYKA2; EVA SYKOVA2

1.CHARLES UNIVERSITY, 2ND FACULTY OF MEDICINE, PRAGUE, REPÚBLICA CHECA; 2.INSTITUTE OF EXPERIMENTAL MEDICINE ASCR, PRAGUE, REPÚBLICA CHECA.

PO202 - DEGENERATION OF NEUROANATOMICALLY LINKED THALAMIC AND BRAINSTEM NUCLEI IN MURINE PRION DISEASE.

RENATA RODRIGUES DOS REIS; EDEL HENNESSY; CAROL MURRAY; ÉADAÍN WINIFRED GRIFFIN; COLM CUNNINGHAM
TRINITY COLLEGE DUBLIN, DUBLIN, IRLANDA.

PO203 - CHARACTERIZATION OF A HUNTINGTON'S DISEASE MODEL INDUCED BY TUNICAMYCIN

ROMINA BARRETO1; SOFIA IBARBURU1; EMILIANO TRIAS1; PABLO DIAZ-AMARILLA2; SILVIA OLIVERA2; LUIS BARBEITO1

1.INSTITUT PASTEUR DE MONTEVIDEO, MONTEVIDEO, URUGUAI; 2.INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI.

PO204 - BEHAVIORAL RESPONSES IN ANIMAL MODEL OF CONGENITAL MUSCULAR DYSTROPHY 1D

DAPHNE PALMAS1; JANINI J PATRÍCIO1; ARYADNE L SCHACTAE1; ANDREZA HOEPERS1; VIVIANE FREIBERGER1; LETICIA VENTURA1; FRANCIELLE MINA2; DIOGO DOMINGUINI2; BRUNA P MENDONÇA2; JAIME A SOARES2; MARIZ VAINZOF3; JOÃO QUEVEDO2; CLARISSA M COMIM1

1.UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL; 2.UNIVERSITY OF SOUTHERN SANTA CATARINA, CRICIÚMA, SC, BRASIL; 3.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO205 - GLIAL CELL SENESENCE IN AMYOTROPHIC LATERAL SCLEROSIS

SOFÍA IBARBURU1; ROMIN BARRETO-NUÑEZ1; PAMELA BEILBY2; EMILIANO TRIAS1; SAMUEL BRADFORD2; JOSEPH BECKMAN2; LUIS BARBEITO1

1.INSTITUT PASTEUR DE MONTEVIDEO, MONTEVIDEO, URUGUAI; 2.OREGON STATE UNIVERSITY, CORVALLIS, ESTADOS UNIDOS.

PO206 - EFFECT OF THE TYROSINE KINASE INHIBITOR MASITINIB IN TRANSGENIC RATS EXPRESSING SOD1G93A MUTATION

EMILIANO TRIAS1; SOFIA IBARBURU1; ROMINA BARRETO-NUÑEZ1; THIAGO MACIEL2; PABLO DIAZ-AMARILLA3; COLIN MANSFIELD4; ALAIN MOUSSY4; IVAN MOURA2; OLIVIER HERMINE2; LUIS BARBEITO1

1.INSTITUT PASTEUR DE MONTEVIDEO, MONTEVIDEO, URUGUAI; 2.IMAGINE INSTITUTE, HÔPITAL NECKER, PARIS, URUGUAI; 3.INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI; 4.AB SCIENCE, SA, PARIS, FRANÇA.

PO207 - RESOLVINS AT-D1 AND E1 DIFFERENTIALLY IMPACT FUNCTIONAL OUTCOME, POST-TRAUMATIC SLEEP, AND MICROGLIAL ACTIVATION FOLLOWING DIFFUSE BRAIN INJURY IN THE MOUSE

JORDAN L HARRISON1; RACHEL K ROWE1; TIMOTHY W ELLIS2; NICOLE S YEE3; BRUCE F O'HARA4; P DAVID ADELSON1; JONATHAN LIFSHITZ1

1.BARROW NEUROLOGICAL INSTITUTE AT PHOENIX CHILDREN'S HOSPITAL, PHOENIX, ESTADOS UNIDOS; 2.MIDWESTERN UNIVERSITY COLLEGE OF OSTEOPATHIC MEDICINE, GLENDALE, ESTADOS UNIDOS; 3.UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE-PHOENIX, PHOENIX, ESTADOS UNIDOS; 4.UNIVERSITY OF KENTUCKY DEPARTMENT OF BIOLOGY, LEXINGTON, ESTADOS UNIDOS.

PO208 - EVALUATION OF LEARNING AND MEMORY IN MDX MICE



JANINI JAINE PATRICIO¹; DAPHNE PALMAS¹; VIVIANE FREIBERGER¹; LETICIA VENTURA¹; ANDREZA HOEPERS¹; ARYADNE SCHACTAE¹; FRANCESCA MINA²; BRUNA P MENDONÇA²; MARIZ VAINZOF³; JOÃO QUEVEDO²; CLARISSA M COMIM¹

1. UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL; 2. UNIVERSITY OF SOUTHERN SANTA CATARINA, CRICIÚMA, SC, BRASIL; 3. UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO209 - CLARIFIED AÇAÍ (EUTERPE OLERACEA) JUICE FOR SEIZURES: A PRÉ-CLINICAL ASSAY.

RICARDO SOUSA DE OLIVEIRA PARAENSE¹; JOSÉ ROGÉRIO SOUZA MONTEIRO¹; MOISÉS HAMOY; DANIELLE SANTANA COELHO¹; ALLAN COSTA-MALACQUAS¹; GABRIELA PAULA FONSECA ARRIFANO¹; JACKSON RODRIGUES MENDONÇA¹; RAFAEL SILVA²; WALLENA MONTEIRO²; HERVÉ ROGEZ³; DIOGO LOSCH OLIVEIRA⁴; JOSÉ LUIZ MARTINS NASCIMENTO⁵; MARIA ELENA CRESPO-LÓPEZ¹

1. LABORATORY OF MOLECULAR PHARMACOLOGY, BELÉM, PA, BRASIL; 2. PETRUZ FRUIT, CASTANHAS, PA, BRASIL; 3. COLLEGE OF FOOD ENGINEERING & CENTRE FOR THE VALORIZATION OF BIOACTIVE COMPOUNDS FROM AMAZONIA, BELÉM, PA, BRASIL; 4. DEPARTMENT OF BIOCHEMISTRY, ICBS, UFRGS, PORTO ALEGRE, RS, BRASIL; 5. LABORATORY OF MOLECULAR AND CELLULAR NEUROCHEMISTRY, BELÉM, PA, BRASIL.

PO210 - HEART RATE VARIABILITY AND PHYSICAL FITNESS IN MAJOR DEPRESSION AND ALZHEIMER'S DISEASE

VANESSA PEREIRA DA SILVA¹; BRUNO RAMALHO OLIVEIRA¹; JERSON LAKS¹; ANDREA CAMAZ DESLANDES²
1. LABORATÓRIO DE NEUROCIÊNCIA DO EXERCÍCIO (IPUB/UFRJ), RIO DE JANEIRO, RJ, BRASIL; 2. CENTRO DE DOENÇAS DE ALZHEIMER E OUTRAS DESORDENS MENTAIS NA VELHICE (IPUB/UFRJ), RIO DE JANEIRO, RJ, BRASIL.

PO211 - LONG-TERM OVARIAN HORMONE DEPRIVATION INDUCES MITOCHONDRIAL DYSFUNCTION AND CHANGES IN MITOCHONDRIAL MEMBRANE LIPID PROFILE IN THE HIPPOCAMPUS

SANDRA CRISTINA ZARATE¹; MARIANA ASTIZ²; NATALIA MAGNANI³; MERCEDES IMSEN¹; FLORENCIA MERINO¹; SILVIA ALVAREZ³; ANA LIA REINES⁴; ADRIANA SEILICOVICH¹

1. INBIOMED UBA-CONICET, BUENOS AIRES, ARGENTINA; 2. INBIOLP UNLP-CONICET, LA PLATA, ARGENTINA; 3. IBIMOL UBA-CONICET, BUENOS AIRES, ARGENTINA; 4. IBCN UBA-CONICET, BUENOS AIRES, ARGENTINA.

PO212 - TEMPORAL ANALYSIS OF BEHAVIORAL SEX DIFFERENCES IN A PHARMACOLOGICAL MODEL OF ALZHEIMER'S DISEASE

ANDRÉ DE MACÊDO MEDEIROS¹; ANDERSON HENRIQUE FRANÇA FIGUEREDO LEÃO²; MURILO AMÉRICO DE PAIVA-SANTOS¹; VANESSA COSTHEK ABILIO³; REGINA HELENA DA SILVA¹

1. BEHAVIORAL NEUROSCIENCE LABORATORY, PHARMACOLOGY DEPARTMENT, FEDERAL UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL; 2. MEMORY STUDIES LABORATORY, PHYSIOLOGY DEPARTMENT, FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 3. NEUROBIOLOGY OF PSYCHIATRY DISORDERS LABORATORY, PHARMACOLOGY DEPARTMENT, FEDERAL UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO213 - ANALYSIS OF MICRORNA EXPRESSION AND MOLECULAR TARGETS IN ANIMAL MODEL OF AUTISM INDUCED BY PRENATAL EXPOSURE TO VALPROIC ACID

MAURO MOZEL HIRSCH; TAMARA DA SILVA VACCARO; VICTORIO BAMBINI-JUNIOR; ROGERIO MARGIS; CARMEM SILVEIRA GOTTFRIED

FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO214 - ASPHYXIA PERINATAL INDUCES CHANGES IN THE EXPRESSION AND ACTIVITY OF CATALASE IN AN EXPERIMENTAL RAT MODEL OF PERINATAL ASPHYXIA

CAROLYNE LESPAY-REBOLLEDO¹; ESTEBAN PALACIOS¹; RONALD PÉREZ-LOBOS¹; EMMANUEL CASANOVA-ORTIZ¹; DIEGO BUSTAMANTE¹; PAOLA MORALES²; MARIO HERRERA-MARSCHITZ²

1. PROGRAMME OF MOLECULAR & CLINICAL PHARMACOLOGY, ICBM, FACULTY OF MEDICINE, UNIVERSITY OF CHILE, SANTIAGO, CHILE; 2. MILLENNIUM INSTITUTE BNI-CHILE, SANTIAGO, CHILE.

PO215 - ALTERATIONS OF HIPPOCAMPAL ENDOCANNABINOID SYSTEM IN MICE SUBMITTED TO CHRONIC CRACK COCAINE SMOKE INHALATION

ISABELA OLIVEIRA DOS ANJOS ALVIM; LORENA BIANCHINE AREAL; CRISTINA MARTINS SILVA; RITA GOMES WANDERLEY PIRES
UNIVERSIDADE FEDERAL DO ESPÍRITO SANTO, VITORIA, ES, BRASIL.

PO216 - COMBINED LITHIUM AND NOGGIN TREATMENT REGULATED ENDOGENOUS NEURAL PROGENITOR CELL PROLIFERATION AND DIFFERENTIATION THROUGH THE P300 CO-ACTIVATOR AND PROMOTE RECOVERY AFTER SPINAL CORD INJURY

HENRY YIP; YING DAI; MAY CHEUNG
UNIVERSITY OF HONG KONG, HONG KONG, CHINA.

PO218 - IMPACT OF CHRONIC NEUROINFLAMMATION ON MICROCIRCUIT ACTIVITY IN MOUSE VISUAL CORTEX IN VIVO USING TWO-PHOTON CALCIUM IMAGING

GAUTAM KUMAR PRAMANIK; ERIK ELLWARDT; EDUARDO ROSALES JUBAL; ZEKE BARGER; ESTHER WITSCH; DIRK LUCHTMANN; FRAUKE ZIPP; ALBRECHT STROH
FOCUS PROGRAM FOR TRANSLATIONAL NEUROSCIENCE (FTN), INSTITUTE OF MICROSCOPY, ANATOMY AND NEUROBIOLOGY, JOHANNES GUTENBERG-UNIVERSITY MAINZ, MAINZ, ALEMANHA.

PO219 - DO THE EFFECTS OF PRENATAL EXPOSURE AND ACUTE TREATMENT OF METHAMPHETAMINE ON ANXIETY VARY DEPENDING ON THE MODEL USED?

ROMANA SLAMBEROVA¹; MARIE POMETLOVA¹; EVA MACUCHOVA¹; KATERYNA NOHEJLOVA¹; KAREL VALES²; ALES STUCHLIK²
1.CHARLES UNIVERSITY IN PRAGUE, THIRD FACULTY OF MEDICINE, PRAGUE, REPÚBLICA CHECA; 2.ACADEMY OF SCIENCES OF THE CZECH REPUBLIC, INSTITUTE OF PHYSIOLOGY, PRAGUE, REPÚBLICA CHECA.

PO220 - BEHAVIORAL EFFECT OF COMBINED METHYLPHENIDATE AND MORPHINE TREATMENT: COMPARISON WITH OTHER PSYCHOSTIMULANTS

ANNA YAMAMOTOVA; KATERYNA NOHEJLOVA; ROMANA SLAMBEROVA
CHARLES UNIVERSITY IN PRAGUE, THIRD FACULTY OF MEDICINE, DEPARTMENT OF NORMAL, PATHOLOGICAL AND CLINICAL PHYSIOLOGY, PRAGUE, REPÚBLICA CHECA.

08/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION I - SENSORY AND MOTOR SYSTEMS

PO221 - SPIKE-FIELD COHERENCE REFLECTS PERCEPTUAL STATE IN MONKEY PRIMARY VISUAL CORTEX

HAMED BAHMANI¹; KAUSHIK J LAKSHMINARASIMHAN²; NIKOS K LOGOTHETIS¹; GEORGIOS A KELIRIS¹
1.MAX PLANCK INSTITUTE FOR BIOLOGICAL CYBERNETICS, TUEBINGEN, ALEMANHA; 2.DEPARTMENT OF NEUROSCIENCE, BAYLOR COLLEGE OF MEDICINE, HOUSTON, TX, ESTADOS UNIDOS.

PO222 - THE ELECTROPHYSIOLOGICAL FINGERPRINT OF SIX TYPES OF OFF BIPOLAR CELLS IN RAT RETINA

ALEX HARRY VIELMA; OLIVER SCHMACHTENBERG
CINV-UNIVERSIDAD DE VALPARAISO, VALPARAISO, CHILE.

PO223 - COUPLED ACTIVATION OF PRIMARY SENSORY NEURONS CONTRIBUTES TO CHRONIC PAIN
YU SHIN SHIN KIM; KYOUNGSOOK PARK; SAI JILAFU; LIANG HAN; ZHE LI; CATHERINE GONG; LEANNE YOUNG; SHAOQIU HE; FENGGUAN ZHOU; YUN GUAN; MICHAEL CATERINA; XINZHONG DONG
JOHNS HOPKINS UNIVERSITY SOM, BALTIMORE, ESTADOS UNIDOS.

PO224 - ANTI NOCICEPTIVE AND ANTI-INFLAMMATORY EFFECT OF NEPETA POGONOSPERMA JAMZAD ET ASSADI IN RATS
TASKINA ALI¹; MOHAMMAD JAVAN²; ALI SONBOLI³; SAEED SEMNANIAN²
1.BANGABANDHU SHEIKH MIJIB MEDICAL UNIVERSITY, DHAKA, BANGLADESH; 2.TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN; 3.SHAHID BEHESHTI UNIVERSITY, TEHRAN, IRAN.

PO225 - "EFFECT OF CHRONIC PADDLING ON SURAL AND COMMON PERONEAL NERVES OF LOWER LIMBS
PRAKASH KUMAR YADAV¹; DILIP THAKUR²; NIRMALA LIMBU²; BISHNUHARI PAUDEL²
1.CMC, BHARATPUR, NEPAL; 2.BPKHS, DHARAN, NEPAL.

PO226 - EXPRESSION OF CALCITONIN GENE-RELATED PEPTIDE (CGRP) AND CGRP RECEPTOR 1 IN THE RAT SPINAL CORD FOLLOWING HIND PAW INCISION
PRANAV PRASOON; RAHUL KUMAR; MAYANK GAUTAM; S.B RAY
ALL INDIA INSTITUTE OF MEDICAL SCIENCE, NEW DELHI, INDIA.

PO227 - PATTERNS OF EXCITATORY, INHIBITORY AND INTRINSIC CONDUCTANCES IN MOTONEURONS DURING RHYTHMIC MOTOR BEHAVIOR
ROBERTAS GUZULAITIS; JORN HOUNSGAARD
UNIVERSITY OF COPENHAGEN, COPENHAGEN, DINAMARCA.

PO228 - SHORT DURATION LEARNING, LATERALISATION AND MICROSTRUCTURAL CHANGES.
AMY SPRAY; GEORG MEYER
UNIVERSITY OF LIVERPOOL, LIVERPOOL, REINO UNIDO.

PO229 - MORPHOLOGIC MOTOR CHANGES OF THE MATERNAL CENTRAL NERVOUS SYSTEM
VINICIUS FREITAS FERNANDES¹; SAMARA PAZETA GOMES²; ARIADNE DE ALMEIDA BRANCO OLIVEIRA¹; GUSTAVO FERREIRA SIMÕES³; RENATA GRACIELE ZANON¹
1.INSTITUTE OF BIOSCIENCE, FEDERAL UNIVERSITY OF UBERLANDIA, UBERLANDIA, MG, BRASIL; 2.FACULTY OF PSYCHOLOGY, FEDERAL UNIVERSITY OF UBERLANDIA, UBERLANDIA, MG, BRASIL; 3.INSTITUTE OF BIOLOGY, STATE UNIVERSITY OF CAMPINAS, UBERLANDIA, SP, BRASIL.

PO230 - IMPAIRED PERCEPTION OF REACHING CAPABILITIES INVOLVES AN ATYPICAL SENSORIMOTOR ACTIVITY OVER THE CONTRALATERAL PREMOTOR AREA
YANNICK DAVIAUX¹; SYLVAIN CREMOUX²; JESSICA TALLET³; DAVID AMARANTINI⁴; CHRISTOPHE CORNU¹; THIBAUT DESCHAMPS¹
1.LAB MIP EA 4334, NANTES, FRANÇA; 2.LAB LAMIH - UMR 8201, VALENCIENNES, FRANÇA; 3.LAB PRISSMH-LAPMA EA 4651, TOULOUSE, FRANÇA; 4.LAB PRISSMH-LAPMA EA 4651 & LAB ICHN UMR 825, TOULOUSE, FRANÇA.

PO231 - REAL-TIME IN VIVO PLASTICITY OF CORTICOSTRIATAL AFFERENT ACTIVITY DURING SKILL LEARNING
DAVID ADAM KUPFERSCHMIDT¹; GUOHONG CUI²; DAVID M LOVINGER¹
1.NATIONAL INSTITUTE OF ALCOHOL ABUSE & ALCOHOLISM, ROCKVILLE, ESTADOS UNIDOS; 2.NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, RESEARCH TRIANGLE PARK, ESTADOS UNIDOS.

PO232 - BEHAVIORAL EVALUATION OF CHOLINERGIC AFFERENTS FROM THE VENTRAL NUCLEUS OF THE TRAPEZOID

BODY TO THE FIRST NUCLEUS OF THE NEURAL CIRCUITRY OF THE AUDITORY STARTLE REFLEX: THE COCHLEAR ROOT NUCLEUS

NICOLE ORSI BARIONI¹; RICARDO GÓMEZ NIETO²; RIAN STÊNICO BEDUSCHI¹; ANDRÉ VALÉRIO DA SILVA³; SÉRGIO AUGUSTO RODRIGUES⁴; CARLOS ROBERTO PADOVANI¹; DOLORES ESTILITA LOPEZ²; JOSÉ DE ANCHIETA DE CASTRO E HORTA JÚNIOR¹

1.IBB - UNESP, BOTUCATU, SP, BRASIL; 2.INCYL - USAL, SALAMANCA, ESPANHA; 3.UFMS, TRES LAGOAS, MS, BRASIL; 4.FATEC, BOTUCATU, SP, BRASIL.

PO233 - TRANSCRANIAL DIRECT CURRENT STIMULATION COMBINED WITH AEROBIC EXERCISE TO OPTIMIZE ANALGESIC RESPONSES IN FIBROMYALGIA: A RANDOMIZED PLACEBO-CONTROLLED CLINICAL TRIAL

MARIANA EMERENCIANO MENDONÇA¹; MARCEL SIMIS²; LUANDA COLLANGE GRECCO³; LINAMARA BATTISTELLA²; ABRAHÃO FONTES BAPTISTA⁴; FELIPE FREGNI⁵

1.UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.IMREA, SÃO PAULO, SP, BRASIL; 3.UNIVERSIDADE NOVE DE JULHO, SÃO PAULO, SP, BRASIL; 4.UNIVERSIDADE FEDERAL DA BAHIA, SALVADOR, BA, BRASIL; 5.HARVARD UNIVERSITY, BOSTON, ESTADOS UNIDOS.

PO235 - OREXIN AND PAIN: ROLE OF OREXIN IN MODULATING PAIN BEHAVIORS AND STRESS-INDUCED ANALGESIA AND EFFECT OF OREXIN ON MORPHINE TOLERANCE AND DEPENDENCE

HASSAN AZHDARI AZHDARI ZARMEHRI; ELAHEH ERAMI

DEPARTMENT OF BASIC SCIENCES, TORBAT HEYDARIYEH UNIVERSITY OF MEDICAL SCIENCES, TORBAT HEYDARIYE, IRAN.

PO236 - ORIENTATION AND DIRECTION SELECTIVITY IN THE SECOND VISUAL AREA (V2) OF CEBUS MONKEY.

RAFAEL PERES; JULIANA SOARES; MARIO FIORANI; BRUSS LIMA; MARCO CHIORRI; RICARDO GATTASS

UFRJ-IBCCF, RIO DE JANEIRO, RJ, BRASIL.

PO237 - FRAGILE X MENTAL RETARDATION PROTEIN EXPRESSION IN THE RETINA IS REGULATED BY LIGHT

ELISA MARIA GUIMARAES DE SOUZA¹; ROBERT MICHAEL DUVOISIN²; CATHERINE WYN MORGANS²; KARIN DA COSTA CALAZA¹

1.FEDERAL FLUMINENSE UNIVERSITY, NITEROI, RJ, BRASIL; 2.OREGON HEALTH AND SCIENCE UNIVERSITY, PORTLAND, ESTADOS UNIDOS.

PO238 - INVOLVEMENT OF OREXIN-1 RECEPTORS WITHIN THE VENTRAL TEGMENTAL AREA IN DEVELOPMENT OF MORPHINE SENSITIZATION INDUCED BY LATERAL HYPOTHALAMUS STIMULATION IN RATS

YASAMAN RAZAVI; FATEMEH SADEGHZADEH; AMIRHOSSEIN PIRASTEH; ABBAS HAGHPARAST

NEUROSCIENCE RESEARCH CENTER, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN, TEHRAN, IRAN.

PO239 - NOVEL PHOTORECEPTORS IN THE INNER RETINA OF NON-MAMMALIAN VERTEBRATES

MARIO EDUARDO GUIDO; LUIS PEDRO MORERA; NICOLAS MAXIMILIANO DIAZ

CIQUIBIC-CONICET, UNIVERSIDAD NACIONAL DE CORDOBA, CORDOBA, ARGENTINA.

PO240 - SIGNALLING MECHANISM FOR SOMATOSTATIN RECEPTOR 5-MEDIATED SUPPRESSION OF AMPA RESPONSES IN RAT RETINAL GANGLION CELLS

YONG-MEI ZHONG; QIN-QIN DENG; WEN-LONG SHENG; GONG ZHANG; SHI-JUN WENG; XIONG-LI YANG

INSTITUTE OF NEUROBIOLOGY, SHANGHAI, CHINA.

PO241 - CHANGES IN NOCICEPTIN/ORPHANIN FQ LEVELS IN RAT BRAIN REGIONS AFTER ACUTE AND CHRONIC CANNABINOID TREATMENT IN CONJUNCTION WITH THE DEVELOPMENT OF ANTINOCICEPTIVE TOLERANCE



AHMET ULUGOL; RUHAN DENIZ TOPUZ; OZGUR GUNDUZ; GULNUR KIZILAY-OZFIDAN; HAKAN CETIN KARADAG
TRAKYA UNIVERSITY, FACULTY OF MEDICINE, DEPARTMENT OF MEDICAL PHARMACOLOGY, EDIRNE, TURQUIA.

PO242 - AMYGDALA INACTIVATION ATTENUATES PAIN RESPONSE IN MICE
TATIANI SORREGOTTI; ANA CLAUDIA CIPRIANO; RICARDO LUIZ NU
JOINT GRADUATE PROGRAM IN PHYSIOLOGICAL SCIENCES UFSCAR/UNESP, LAB. PHARMACOLOGY, SCHOOL OF
PHARMACEUTICAL SCIENCES, SÃO PAULO STATE UNIVERSITY, UNESP, ARARAQUARA, SP, BRASIL.

PO243 - TESTING THE CANONICAL MICROCIRCUIT MODEL IN PREFRONTAL CORTEX
ANDRE MORAES BASTOS; ROMAN LOONIS; EARL K MILLER
PICOWER INSTITUTE FOR LEARNING AND MEMORY, CAMBRIDGE, ESTADOS UNIDOS.

PO244 - DIFFERENTIAL ROLE OF THE CHOLINERGIC RECEPTOR SUBTYPES IN THE LONG-TERM CORTICAL
ENHANCEMENT INDUCED BY REPETITIVE PAIRING OF VISUAL/CHOLINERGIC STIMULATION
ELVIRE VAUCHER; MIRA CHAMOUN; JUN IL KANG; MARIANNE GROLEAU
UNIVERSITE DE MONTREAL, MONTREAL, CANADÁ.

PO245 - EFFECT OF ANTIEPILEPTIC DRUGS ON EXCITABILITY IN THE TRIGEMINAL SUBNUCLEUS CAUDALIS OF
NEONATAL RAT USING A VOLTAGE-SENSITIVE DYE IMAGING TECHNIQUE
SHUN-ICHI KUWANA¹; AKIKO MATSUMOTO²; NOBUO UMEZAWA²; HIROFUMI ARISAKA²; YUKI HOSOKAWA³; YUKI
KAKU⁴; SHIGEKI SAKURABA²; TAKEO SUGITA²; KAZU-ICHI YOSHIDA²
1.FACULTY OF HEALTH SCIENCES, UEKUSA GAKUEN UNIVERSITY, CHIBA CITY, JAPÃO; 2.DIVISION OF
ANESTHESIOLOGY, DEPARTMENT OF CLINICAL CARE MEDICINE, KANAGAWA DENTAL COLLEGE, YOKOSUKA CITY,
JAPÃO; 3.DEPARTMENT OF ANESTHESIOLOGY, KITASATO UNIVERSITY SCHOOL OF MEDICINE, SAGAMIHARA CITY,
JAPÃO; 4.CENTER FOR MEDICAL SCIENCES, IBARAKI PREFECTURAL UNIVERSITY OF HEALTH SCIENCES, IBARAKI-KEN,
JAPÃO.

PO246 - PLASMA LEVELS OF IL-1B AND TNF-A AND ASTROCYTIC GFAP EXPRESSION IN HEALTHY RATS TREATED
WITH THERAPEUTIC SHORT-TERM DOSES OF DRUGS USED FOR PAIN MANAGEMENT
GISELE FERREIRA AMARAL; EDUARDO FERNANDES BONDAN; FABIANA TOSHIE KONNO; PIETRO DOMINGUES DOSSA;
LIGIA BOCAMINO VIEBIG
UNIVERSIDADE PAULISTA, SÃO PAULO, SP, BRASIL.

PO247 - SINGLE UNIT ACTIVITY OF GLOBUS PALLIDUS DURING GOAL-DIRECTED VOLUNTARY AND INVOLUNTARY
MOVEMENTS IN PATIENTS WITH PARKINSON'S DISEASE
ALEXEY SEDOV; ALEKSANDR LUKASHEV; RITA MEDVEDNIK; SVETLANA RAEVA
SEMOV INSTITUTE OF CHEMICAL PHYSICS RAS, MOSCOW, RUSSIA.

PO248 - EXPRESSION OF VOLTAGE-ACTIVATED POTASSIUM KCNQ CHANNELS IN MOUSE RETINA.
GUILLERMO FEDERICO SPITZMAUL¹; OLGA LORENA GERMAN¹; CAMILA CARIGNANO¹; ESTEBAN BARILÁ¹; THOMAS J.
JENTSCH²
1.INSTITUTO DE INVESTIGACIONES BIOQUÍMICAS DE BAHÍA BLANCA, BAHÍA BLANCA, ARGENTINA; 2.FMP (LEIBNIZ-
INSTITUT FUER MOLEKULARE PHARMAKOLOGIE) AND MDC (MAX-DELBRUECK-CENTRUM FUER MOLEKULARE
MEDIZIN), BERLIN, ALEMANHA.

PO249 - INVOLVEMENT OF KININS AND THE EFFECT OF ANGIOTENSIN I-CONVERTING ENZYME INHIBITION ON PAINFUL
HYPERSENSITIVITY PACLITAXEL-INDUCED IN MICE
SARA MARCHESAN OLIVEIRA¹; INDIARA BRUSCO¹; CASSIA REGINA SILVA¹; GABRIELA TREVISAN²; JULIANO FERREIRA³
1.FEDERAL UNIVERSITY OF SANTA MARIA, SANTA MARIA, RS, BRASIL; 2.UNIVERSITY OF EXTREME SOUTH OF SANTA
CATARINA, CRICIÚMA, SC, BRASIL; 3.FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.



P0250 - STEREOTYPED INITIATION OF GLUTAMATERGIC RETINAL WAVES BY BIPOLAR CELLS VIA PRESYNAPTIC NMDA AUTORECEPTORS

RONGWEI ZHANG; JIULIN DU

INSTITUTE OF NEUROSCIENCE, CHINESE ACADEMY OF SCIENCES, SHANGHAI, CHINA.

P0251 - TRPA1 MEDIATES TRIGEMINAL NEUROPATHIC PAIN AND IS DOWNSTREAM TO RECRUITED MONOCYTES AND OXIDATIVE STRESS.

GABRIELA TREVISAN¹; ROMINA NASSINI²; SILVIA BENEME²; GAETANO DE SIENA²; CAMILLA FUSI²; FRANCESCO DE LOGU²; MATEUS FORTES ROSSATO³; JULIANO FERREIRA³; PIERANGELO GEPPETTI²; SERENA MATERAZZI²

1.UNIVERSITY OF THE EXTREME SOUTH OF SANTA CATARINA, CRICIÚMA, SC, BRASIL; 2.UNIVERSITY OF FLORENCE, FLORENCE, ITALY; 3.UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0252 - SEROTONERGIC DEFICITS: A POSSIBLE CAUSE OF REFRACTORINESS TO MOTOR CORTEX STIMULATION IN NEUROPATHIC PAIN STATUS

DANIELLE VARIN ASSIS¹; AMANDA FAURE NARDINI PASCHOA¹; TALITA FARIAS¹; ANA CAROLINA PRINHEIRO CAMPOS¹; GUILHERME DIOGO SILVA¹; PATRICIA SANAE SOUZA LOPES¹; ERICH TALAMONI FONOFF²; ROSANA LIMA PAGANO¹

1.HOSPITAL SÍRIO LIBANÊS, SÃO PAULO, SP, BRASIL; 2.UNIVERSITY OF SÃO PAULO MEDICAL SCHOOL, SÃO PAULO, SP, BRASIL.

P0253 - BLOCKADE OF EITHER CB1 OR TRPV1 RECEPTORS WITHIN THE DORSAL PERIAQUEDUCTAL GRAY ATTENUATES SOCIAL DEFEAT INDUCED ANTINOCICEPTION IN MICE.

DIEGO CARDOZO MASCARENHAS¹; KARINA SANTOS GOMES²; RICARDO LUIZ NUNES-DE-SOUZA¹

1.SCHOOL OF PHARMACEUTICAL SCIENCES, UNIV. ESTADUAL PAULISTA – UNESP; JOINT GRADUATE PROGRAM IN PHYSIOLOGICAL SCIENCES, UFSCAR/UNESP, ARARAQUARA, SP, BRASIL; 2.SCHOOL OF PHARMACEUTICAL SCIENCES, UNIV. ESTADUAL PAULISTA – UNESP, ARARAQUARA, SP, BRASIL.

P0254 - GENDER DIFFERENCES IN MODELS OF ANXIETY AND SPATIAL MEMORY IN RATS SUBJECTED TO NOCICEPTIVE STIMULATION, IN THE FIRST WEEK OF LIFE

DÉBORA DA SILVA BANDEIRA; BRUNO ANTONIO BRITO; MARIA GABRIELA MENEZES DE OLIVEIRA; RUTE GUINSBURG; LUIZ EUGÊNIO MELLO; ANA TERESA LESLIE

UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0255 - MECHANOSENSITIVE CHANNELS IN PROPRIOCEPTIVE NEURONS

DANNY MAURICIO FLOREZ PAZ; ANA GOMIS

INSTITUTO DE NEUROCIENCIAS. UNIVERSIDAD MIGUEL HERNÁNDEZ-CSIC., ALICANTE, ESPANHA.

08/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION I - HOMEOSTATIC AND NEUROENDOCRINE SYSTEMS

P0256 - ENERGY STATUS-DEPENDENT MODULATION OF OLFACTORY SENSITIVITY

AURNAB GHOSE

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER), PUNE, ÍNDIA.

P0257 - SODIUM INTAKE INDUCED BY FUROSEMIDE COMBINED WITH LOW DOSE OF CAPTOPRIL IN RENOVASCULAR HYPERTENSIVE RATS



CAMILA FERREIRA RONCARI; RAFAELA MOREIRA BARBOSA; LAURIVAL ANTONIO DE LUCA JR.; JOSE VANDERLEI MENANI; EDUARDO COLOMBARI; DEBORA SIMOES ALMEIDA COLOMBARI
SÃO PAULO STATE UNIVERSITY - UNESP, ARARAQUARA, SP, BRASIL.

PO258 - NUCLEAR ORGANIZATION AND MORPHOLOGY OF THE SLEEP RELATED NUCLEI IN THE BRAIN OF THE ARABIAN ORYX, ORYX LEUCORYX
JOSHUA GABRIEL DAVIMES¹; ABDULAZIZ ALAGAILI²; NIGEL BENNET³; OSAMA MOHAMMED²; PAUL MANGER¹; NADINE GRAVETT¹
1.UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, ÁFRICA DO SUL; 2.KING SAUD UNIVERSITY, RIYADH, ARÁBIA SAUDITA; 3.UNIVERSITY OF PRETORIA, PRETORIA, ÁFRICA DO SUL.

PO259 - NEUROTOXIC LESIONS OF THE MEDIAL HYPOTHALAMUS REDUCE HYPERTENSION AND ATTENUATE THE CARDIOVASCULAR RESPONSE TO PSYCHOLOGICAL STRESS IN SPONTANEOUSLY HYPERTENSIVE RATS, AND NOT IN NORMOTENSIVE CONTROLS
BRUNO WILLIAM DAMPNEY; MIRZA IRFAN BEIG; PASCAL CARRIVE
UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRÁLIA.

PO260 - TNF-ALPHA AND CCL2 MEDIATE THE IMMUNE-CIRCADIAN INTERACTION IN THE CENTRAL NERVOUS SYSTEM.
MALENA LIS MUL FEDELE¹; JOSÉ MANUEL DUHART¹; FERNANDA ROMÁN¹; BELÉN CERLIANI²; SILVINA RICHARD²; JUAN JOSÉ CHIESA¹; DIEGO ANDRÉS GOLOMBEK¹; NATALIA PALADINO¹
1.NATIONAL UNIVERSITY OF QUILMES, SCIENCE AND TECHNOLOGY DEPARTMENT, CHRONOBIOLOGY LAB, BERNAL, QUILMES, ARGENTINA; 2.IMBICE, CONICET, LA PLATA, ARGENTINA.

PO261 - EARLY EXPOSURE TO A HIGH FAT DIET PRODUCES METABOLIC AND BEHAVIORAL ALTERATIONS ASSOCIATED TO HIPPOCAMPAL NEUROINFLAMMATION AND IMPAIRED NEUROGENESIS IN C57BL/6 MICE
MARÍA ANGELES VINUESA¹; CARLOS JAVIER POMILIO¹; MARTÍN MENAFRA²; FERNANDO BRITES²; MARÍA MARTA BONAVENTURA¹; VICTORIA LUX¹; JUAN BEAUQUIS¹; FLAVIA EUGENIA SARAVIA¹
1.INSTITUTE OF BIOLOGY AND EXPERIMENTAL MEDICINE- UBA- CONICET, BUENOS AIRES, ARGENTINA; 2.SCHOOL OF PHARMACEUTICS AND BIOCHEMISTRY - UBA, BUENOS AIRES, ARGENTINA.

PO262 - CANNABINERGIC SYSTEM AS A LINK BETWEEN EXERCISE AND THE IMMUNE SYSTEM
SALVADOR VALENCIA-SANCHEZ¹; JORGE MORALES-MONTOR²; OSCAR PROSPERO-GRACIA³; KAREN NAVA-CASTRO²; MARCELA PALOMERO-RIVERO¹; DIANA MILLAN-ALDACO¹; MAGDALENA GUERRA-CRES
PO¹; RENE DRUCKER-COLIN¹
1.UNAM, INSTITUTO DE FISIOLÓGIA CELULAR, DF., MÉXICO; 2.UNAM, INSTITUTO DE INVESTIGACIONES BIOMÉDICAS, D.F., MÉXICO; 3.UNAM, FACULTAD DE MEDICINA, D.F., MÉXICO.

PO263 - HYPOTHALAMIC NEURON RESPONSES AFTER THE CONTACT TO CONDITIONED MEDIUM ON ASTROCYTES TREATED WITH FATTY ACID
ERICA SANTOS VIEIRA¹; NAYARA FREITAS MANRTINS MELO²; PEDRO AUGUSTO SILVA NOGUEIRA¹; ANDRESSA COOPE³; DANIELLA SOARES RAZOLLI³; RENATA GRACIELE ZANON²
1.UNIVERSIDADE FEDERAL DE UBERLÂNDIA, UBERLÂNDIA, MG, BRASIL; 2.UNIVERSIDADE FEDERAL DE UBERLÂNDIA/UNIVERSIDADE FEDERAL DE UBERLÂNDIA, UBERLÂNDIA, MG, BRASIL; 3.UNIVERSIDADE DE CAMPINAS, CAMPINAS, SP, BRASIL.

PO264 - HEDONIC RESPONSE TO SWEET TASTE CAN BE ALTERED BY INTRAUTERINE GROWTH RESTRICTION (IUGR)
DANIELA PEREIRA LAUREANO¹; ROBERTA DALLE MOLLE¹; MÁRCIO BONESSO ALVES¹; CAROLINA LUFT²; MINA DESAI³; MICHAEL G ROSS³; PATRÍCIA PELUFO SILVEIRA¹
1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.PONTÍFICA UNIVERSIDADE CATÓLICA DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 3.UCLA, TORRANCE, ESTADOS UNIDOS.

P0265 - CHRONIC STRESS DOWNREGULATES THE EXPRESSION OF MRNAS CODING FOR PROTEINS INVOLVED IN GPM6A INDUCED FILOPODIUM FORMATION

ANABEL ALVAREZ JULIÁ1; ALBERTO CARLOS FRASCH1; DANIELA JEZOVA2; BEATA FUCHSOVA1

1.INSTITUTO DE INVESTIGACIONES BIOTECNOLÓGICAS, SAN MARTÍN, BUENOS AIRES, ARGENTINA; 2.INSTITUTE OF EXPERIMENTAL ENDOCRINOLOGY, BRATISLAVA, ESLOVÁQUIA.

P0266 - ELECTROCORTICOGRAPHIC PATTERNS ASSOCIATED WITH ETHANOL USE IN RATS UNDER STRESS

ADRIANA XIMENES DA SILVA; ANA ROSA ALMEIDA ALVES; JOSIANO GOMES FIGUEIREDO

UNIVERSIDADE FEDERAL DE ALAGOAS, MACEIÓ, AL, BRASIL.

P0267 - WITHDRAWAL FROM HIGH-FAT DIET ALTERS THE ACTIVITY OF HOMEOSTATIC FEEDING REGULATORS AND BRAIN REWARD CENTERS IN PERIPUBERTAL DIET-INDUCED OBESE MICE

MARY GAZE; ESTE LEIDMAA; ELMIRA ANDERZHANOVA; MIRA JAKOVCEVSKI; ANNA PISSIOTI; CORNELIA

FLACHSKAMM; ALEXANDRE V PATCHEV; OSBORNE FX ALMEIDA; MAYUMI KIMURA

MAX PLANCK INSTITUTE OF PSYCHIATRY, MUNICH, ALEMANHA.

P0268 - MECHANISMS INVOLVED IN THE CARDIOVASCULAR EFFECTS OF THE GABA A RECEPTOR ANTAGONIST IN THE VENTRAL TEGMENTAL AREA

MASOUMEH HATAM1; FAHEMEH YEGANEH1; AFSANEH RANJBAR1; ALI NASIMI2

1.SHIRAZ UNIVERSITY OF MEDICAL SCIENCES, SHIRAZ, IRAN; 2.ISFAHAN UNIVERSITY OF MEDICAL SCIENCES, ISFAHAN, IRAN.

P0269 - ROLE OF 5-HT1A RECEPTOR IN THE EXPRESSION OF COPING STRATEGIES AND THE RESPONSE ON FORCED SWIM TEST IN WISTAR RATS SUBMITTED TO IMPREDICTABLE CHRONIC STRESS

SANTIAGO ZARATE ZARATE GUERRERO; ADRIANA PAOLA BRUGES BOUDE; LUIS FERNANDO CARDENAS PARRA; LAURA ANDREA LEON ANHUAMAN

UNIVERSIDAD DE LOS ANDES, BOGOTA, COLÔMBIA.

P0270 - OXIDATIVE STRESS LINKS OBESITY AND BRAIN AGEING IN HEALTH AND DISEASE.

JITENDRA KUMAR SINHA; SHAMPA GHOSH; MANCHALA RAGHUNATH

NATIONAL INSTITUTE OF NUTRITION, HYDERABAD, ÍNDIA.

P0271 - THE NMDA RECEPTOR/NITRIC OXIDE PATHWAY IN THE DORSAL AND VENTRAL HIPPOCAMPUS MODULATES CARDIOVASCULAR AND VENTILATORY RESPONSES IN RATS SUBMITTED TO PERIPHERAL CHEMOREFLEX ACTIVATION

LUCIANA BÄRG KUNTZE; NILSON CARLOS FERREIRA-JÚNIOR; DAVI CAMPOS LAGATTA; LEONARDO BARBOSA MORAES RESSEL

SCHOOL OF MEDICINE OF RIBEIRÃO PRETO, UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

P0272 - PHASE DEPENDENT LACTATE STIMULATION OF THE SOMATOTROPIC AXIS ACTIVITY IN RATS

RAFAEL BARRERA SALGUEIRO1; RODRIGO A. PELICIARI GARCIA1; DANIELLA DO CARMO BUONFIGLIO1; CIBELE NUNES PERONI2; MARIA TEREZA NUNES1

1.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.NUCLEAR AND ENERGY RESEARCH INSTITUTE, SÃO PAULO, SP, BRASIL.

P0273 - CLOZAPINE REDUCES INTESTINAL MOTILITY IN ZEBRAFISH LARVAE

KEVIN AUGUSTO FARIAS DE ALVARENGA; ERIKA KELMER SACRAMENTO; DANIELA VALADÃO; VITOR BORTOLO REZENDE; MARCO ROMANO-SILVA

INCT DE MEDICINA MOLECULAR - UFMG, BELO HORIZONTE, MG, BRASIL.



PO274 - EFFECTS OF RESVERATROL IN HIPPOCAMPAL ASTROCYTES OF DIABETIC RATS
OTÁVIO AMÉRICO AUGUSTIN¹; PAMELA BRAMBILLA BAGATINI¹; SILVIA BARBOSA¹; LAURA TARTARI NEVES²; PEDRO PORTO ALEGRE BAPTISTA²; LISIANI SAUR²; LÉDER LEAL XAVIER²; MATILDE ACHAVAL¹
1.LABORATÓRIO DE HISTOFISIOLOGIA COMPARADA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.LABORATÓRIO DE BIOLOGIA CELULAR E TECIDUAL, FACULDADE DE BIOCÊNCIAS, PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO275 - THE ROLE OF OREXIN A RECEPTORS IN THE MEDIAL PREOPTIC AREA ON THE FOOD INTAKE IN MALE RATS
ABDOLRAHMAN SARIHI; AMIR HOSSEIN EMAM; SADEGH SEIF; MAJID VAFAIERAD
NEUROPHYSIOLOGY RES. CENTER, HAMADAN, IRAN.

08/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION I - COGNITION AND BEHAVIOR

PO276 - GENDER-RELATED DIFFERENCES IN BEHAVIORAL AND COGNITIVE ALTERATIONS FOLLOWING PILOCARPINE-INDUCED STATUS EPILEPTICUS IN C57BL/6 MICE
CLARISSA VASCONCELOS OLIVEIRA¹; JÉSSICA GRIGOLETTO²; VINÍCIUS RAFAEL FUNCK¹; LEANDRO RODRIGO RIBEIRO¹; MAURO SCHNEIDER OLIVEIRA¹
1.FEDERAL UNIVERSITY OF SANTA MARIA, SANTA MARIA, RS, BRASIL; 2.FEDERAL, UNIVERSITY OF SANTA MARIA,, SANTA MARIA, RS, BRASIL.

PO277 - PAROXETINE PREVENTS INDUCTION OF RESISTANCE TO FEAR EXTINCTION, FEAR SENSITIZATION AND ANXIETY-LIKE BEHAVIOR IN MICE
YASSINE BENTEFOR¹; MOHAMED BENNIS¹; RENÉ GARCIA²; SAADIA BAM'HAMED¹
1.LABORATOIRE DE PHARMACOLOGIE, NEUROBIOLOGIE ET COMPORTEMENT(URAC 37), MARRAKECH, MARROCOS; 2.INSTITUT DE NEUROSCIENCES DE LA TIMONE, UMR7289, MARSEILLE, FRANÇA.

PO278 - ELECTROENCEPHALOGRAPHIC CHARACTERIZATION OF VISUAL FOOD CUE PROCESSING AND EXECUTIVE FUNCTION FOLLOWING A CLINICALLY MEANINGFUL WEIGHT LOSS
DAVID JOHN HUME; FLEUR MARGARET HOWELLS; HG LAURIE RAUCH; JACOLENE KROFF; ESTELLE VICTORIA LAMBERT
UNIVERSITY OF CAPE TOWN, CAPE TOWN, ÁFRICA DO SUL.

PO279 - ADDITIVE BENEFITS OF ENVIRONMENTAL ENRICHMENT AND VOLUNTARY EXERCISE ON COGNITION AND MOTOR COORDINATION IN DIABETIC MICE
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PO280 - BRAIN STIMULATION OVER THE RIGHT VS. LEFT PREFRONTAL CORTEX DIFFERENTIALLY AFFECTS SLEEP-RELATED CONSOLIDATION OF NON-DECLARATIVE MEMORY
KAROLINA JANACSEK; CSENGE TOROK; KATA HORVATH; ANDREA ANTAL; DEZSO NEMETH
EOTVOS LORAND UNIVERSITY, INSTITUTE OF PSYCHOLOGY, BUDAPEST, HUNGRIA.

PO281 - INVOLVEMENT OF CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE II DELTA IN PERSISTENT FORMS OF MEMORY



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 DE FISIOLÓGIA Y BIOLOGÍA MOLECULAR, FCEN-UBA, IFIBYNE-CONICET, BUENOS AIRES, ARGENTINA.

PO282 - ACTIVATION OF D1/D5 DOPAMINE RECEPTORS IN THE MEDIAL PREFRONTAL CORTEX IS SUFFICIENT TO
 INDUCE A LONG DELAY AVERSIVE BEHAVIOR

CECILIA KRAMAR; FERNANDO CASTILLO DIAZ; JORGE H MEDINA
 INSTITUTO DE BIOLOGIA CELULAR Y NEUROCIENCIA, IBCN, BUENOS AIRES, ARGENTINA.

PO283 - ALOE VERA LINN (LILIACEE) PULP AND GEL INCREASED THE BRAIN SODIUM-POTASSIUM ATPASE ACTIVITY IN
 STREPTOZOTOCINE-INDUCED DIABETIC WISTAR RATS

AMINAT OMOLOLA MAHMUD-IMAMFULANI; EMMANUEL OLUWATODIMU ALAYE; BAMIDELE VICTOR OWOYELE
 UNIVERSITY OF ILORIN, ILORIN, NIGERIA.

PO284 - EFFECTS OF UNCONSCIOUS PRIMING WITH BRAND LOGOS IN A REAL LIFE CONTEXT BASED ON THE
 UNDERLYING MOTIVATION OF PARTICIPANTS

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 2.DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF ESSEX, COLCHESTER, REINO UNIDO.

PO285 - THE DYNAMIC NATURE OF SYSTEMS CONSOLIDATION: STRESS DURING LEARNING AS A SWITCH GUIDING THE
 RATE OF THE HIPPOCAMPAL DEPENDENCY AND MEMORY QUALITY

LIZETH KATHERINE PEDRAZA CORREA; RODRIGO O SIERRA; FLÁVIA Z BOOS; JOSUÉ HAUBRICH; JORGE A QUILLFELDT;
 LUCAS DE OLIVEIRA ALVARES
 UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO286 - A NEURAL NETWORK THAT IMPLEMENTS A SEMANTIC SPACE

ALVARO JESÚS CABANA; EDUARDO MIZRAJI; JUAN CARLOS VALLE-LISBOA
 UNIVERSIDAD DE LA REPÚBLICA, MONTEVIDEO, URUGUAI.

PO287 - GENETIC MARKERS AND EEG CORRELATES OF TRAIT ANXIETY IN THE RUSSIANS AND THE TUVINIANS
 ALEXANDER N. SAVOSTYANOV¹; VLADIMIR S. NAUMENKO²; GENNADY G. KNYAZEVA¹; EVGENY A. LEVIN; DARYA V.
 BAZOVKINA²; NADEZHDA A. SINYAKOVA²; MIKHAIL S. ZALESCHIN³; ANDREY V. BOCHAROV¹; ALEXANDER E.
 SAPRYGIN¹; YULIA M. RYMAREVA⁴; TATIANA A. GOLOVKO⁴; URANA N. KAVAI-OL⁵; NIKOLAY A. KOLCHANOV²;
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 5.TUVAN STATE UNIVERSITY, KYZYL, RÚSSIA.

PO288 - TWO NOISE-EXPOSURE SCHEDULES DIFFERENTIALLY AFFECT RAT BEHAVIORAL PARAMETERS AND CAN BE
 ALTERED BY ENRICHED ENVIRONMENT REARING

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 AIRES, ARGENTINA.

PO289 - VASOTOCINERGIC NEURONAL ACTIVATION IN TWO SPECIES OF WEAKLY PULSE-TYPE ELECTRIC FISH WITH
 DIFFERENT FORMS OF SOCIALITY

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P0290 - REMOVAL OF D2 RECEPTORS ON STRIATAL CHOLINERGIC INTERNEURONS IMPAIRS SEQUENCE LEARNING
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P0291 - BRAIN ANGIOTENSIN II TYPE 1 (AT1) RECEPTORS ARE INVOLVED IN ACUTE AND LONG-LASTING AMPHETAMINE-INDUCED NEUROCOGNITIVE ALTERATIONS

NATALIA ANDREA MARCHESE1; EMILCE ARTUR DE LA VILLARMOIS1; MARTIN BASMADJIAN1; MARIELA FERNANDA PEREZ1; GUSTAVO BAIARDI2; CLAUDIA BREGONZIO1

1.IFEC- CONICET- UNC, CORDOBA, ARGENTINA; 2.IBYT- CONICET- UNC, CORDOBA, ARGENTINA.

P0292 - SELECTIVE ABLATION OF STRIATAL CHOLINERGIC INTERNEURONS AT DIFFERENT POSTNATAL STAGES PRODUCES DIFFERENTIAL ALTERED BEHAVIORAL PHENOTYPES IN ADULT MICE

YANINA VICTORIA MARTOS; MARIO GUSTAVO MURER; JUAN EMILIO BELFORTE
IFIBIO BERNARDO HOUSSAY, CAPITAL FEDERAL, ARGENTINA.

P0293 - PRE-EXPOSURE EFFECTS ON GENERALIZATION OF CONTEXTUAL FEAR

DIEUWKE SEVENSTER; RUDI D'HOOGHE

UNIVERSITY OF LEUVEN, LEUVEN, BÉLGICA.

P0294 - EFFECTS OF CORTICOSTERONE ON THE SPECIFICITY OF RECENT AND REMOTE CONTEXTUAL FEAR MEMORY IN RATS

ANA PAULA ARANTES DE ANDRADE BUENO; JOSELISA QUEIROS PAIVA; MOISÉS SILVA CORRÊA; RAQUEL VECCHIO FORNARI

UNIVERSIDADE FEDERAL DO ABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

P0295 - INVOLVEMENT OF THE ANTERIOR AND POSTERIOR INSULAR CORTEX IN MEMORY CONSOLIDATION OF CONTEXTUAL AND TONE FEAR CONDITIONING

JOSELISA PÉRES QUEIROZ DE PAIVA1; ALINE COSTA1; ANA PAULA ARANTES DE ANDRADE BUENO1; MARIA GABRIELA MENEZES DE OLIVEIRA2; RAQUEL VECCHIO FORNARI1

1.UFABC, SÃO BERNARDO DO CAMPO, SP, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL.

P0296 - PREDISPOSITION TO DEPRESSION IN EXPLICIT AND IMPLICIT PERCEPTION OF EMOTIONAL FACIAL EXPRESSIONS

ANDREI VICTOROVICH BOCHAROV1; GENNADY GEORGIEVICH KNYAZEY2; ALEKSANDR NIKOLAEVICH SAVOSTYANOV3; JAROSLAV JURJEVICH SLOBODSKOJ-PLUSNIN4

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PO297 - EVALUATION OF THE ANXIOLYTIC ACTIVITY OF KOLA NITIDA FRUIT EXTRACT AND CIPROFLOXACIN IN MICE
THEOPHINE CHINWUBA OKOYE; PETER ACHUNIKE AKAH; CHRISTOPHER G. EGEONU; CHINEDU S. EKWEREMADU
UNIVERSITY OF NIGERIA, NSUKKA., NSUKKA, NIGERIA.

PO298 - ACCURATE ESTIMATION OF INDIVIDUAL WHEEL RUNNING ACTIVITY IN GROUP-HOUSED RATS USING RADIO
FREQUENCY IDENTIFICATION MONITORING SYSTEM
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PO299 - MEMORY MODULATION OF MICE TREATED WITH AMYLOID B
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PO300 - BRAIN-DERIVED NEUROTROPHIC FACTOR VAL66MET PREDICTS RESILIENCE IN MAJOR DEPRESSIVE
DISORDER AND DETERMINES THE RESPONSE TO COGNITIVE PSYCHOTHERAPY
FERNANDA NEUTZLING KAUFMANN; RENATA BONATI PETERS; CLARISSA RIBEIRO BASTOS; THÁISE CAMPOS MONDIN;
TAIANE DE AZEVEDO CARDOSO; LUCIANO DE MATTOS SOUZA; RICARDO AZEVEDO DA SILVA; GABRIELE CORDENONZI
GHISLENI
UNIVERSIDADE CATÓLICA DE PELOTAS, PELOTAS, RS, BRASIL.

PO301 - THE METABOTROPIC GLUTAMATE RECEPTOR MGLU5 ACTS AS A SWITCH FOR OPPOSING FORMS OF
SYNAPTIC PLASTICITY AT MOSSY FIBER – CA3 AND COMMISSURAL/ASSOCIATIONAL – CA3 SYNAPSES
HARDY HAGENA; DENISE MANAHAN-VAUGHAN
RUHR-UNIVERSITY BOCHUM, BOCHUM, ALEMANHA.

PO302 - LEARNING EXPERIENCE DETERMINES THE FATE OF FEAR MEMORIES AFTER POST-TRAINING MANIPULATIONS
JOAQUÍN MATÍAS ALFEI¹; ROQUE IGNACIO FERRER MONTI¹; VÍCTOR ALEJANDRO MOLINA²; ADRIÁN MARCELO
BUENO¹; GONZALO PABLO URCELAY³
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NEUROSCIENCE INSTITUTE, UNIVERSITY OF CAMBRIDGE, CAMBRIDGE, REINO UNIDO.

PO303 - OBJECT IDENTITY RECOGNITION IN ALBINO SWISS MICE IS IMPAIRED BY MASTICATORY DEPRIVATION AND
RECOVERED BY REHABILITATION
THÁISSA GOMES BORRALHO¹; AMANDA SILVA LUCENA²; ANNA CAROLINA CEZNE³; HIRLEY GABRIEL REIMÃO
NORONHA¹; JAIME EMANUEL MACÊDO AMORIM¹; LUISA TAYNAH VASCONCELOS BARBOSA DA PAIXÃO¹; MARCO
ANTONIO LINS DE BRITO¹; MURILO PEREIRA ROSA¹; FABIOLA DE CARVALHO CHAVES DE SIQUEIRA MENDES¹;
CRISTOVAM WANDERLEY PICAÑO DINIZ¹; MARCIA CONSENTINO KRONKA SOSTHENES¹
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3.CENTRO UNIVERSITARIO DO PARÁ, BELEM, PA, BRASIL.

PO305 - AGMATINE AGAINST CHRONIC UNPREDICTABLE STRESS-INDUCED COGNITIVE IMPAIRMENT AND OXIDATIVE
DAMAGE IN MICE



NITIN BHANUDAS GAWALI; AMRITA ASHOK KUMAR CHOWDHURY; PANKAJ SUDHAKAR KOTHAVADE; VIPIN DEEPAK BULANI; PADMINI SATISH DESHPANDE; ARCHANA RAMESH JUVEKAR
INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI, ÍNDIA.

PO306 - EXPERIMENTAL NEONATAL SEPSIS CAUSES LONG-TERM COGNITIVE IMPAIRMENT
SILVIA REGINA SIMÃO; LETÍCIA VENTURA; VIVIANE FREIBERGUER; JANINI J PATRÍCIO; DAPHNE PALMAS; REGINA M BUSSMANN; OMAR J CASSOL-JR; CLARISSA M COMIM
UNIVERSITY OF SOUTH SANTA CATARINA, PALHOÇA, SC, BRASIL.

PO307 - THE EFFECTS OF DIFFERENT PHARMACOLOGICAL MANIPULATIONS ON THE COGNITIVE JUDGEMENT BIAS OF RATS IN THE AMBIGUOUS-CUE INTERPRETATION PARADIGM
RAFAL RYGULA; JAKUB KREGIEL; JOANNA GOLEBIOWSKA; PIOTR POPIK
INSTITUTE OF PHARMACOLOGY POLISH ACADEMY OF SCIENCES, KRAKOW, POLÔNIA.

PO308 - NEURAL CIRCUITS OF POST-TRAUMATIC STRESS DISORDER: NATURAL RESILIENCE AS KEY FOR NEW TREATMENT OPTIONS
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PO309 - VISUAL VERSUS AUDITORY COGNITIVE TRAINING FOR PEOPLE WITH SCHIZOPHRENIA
LINDA SCORIELS; LARISSA GENARO; FILIPPE MEDABER TANNOS; CAROLINE NOVAES; STELLA KEFFER; ROGÉRIO PANIZZUTTI
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO310 - ACUTE POSTNATAL ADMINISTRATION OF METHYLMALONATE PROVOKES MEMORY DEFICIT IN 40-DAY-OLD MICE: INVOLVEMENT OF INFLAMMATORY AND APOPTOTIC MARKERS
VIVIANE NOGUEIRA DE ZORZI; PATRICIA GABBI; MARLA PARIZZI FUNGHETO; ALEXANDRA SEIDE CARDOSO; FERNANDA HAUPENTHAL; LEANDRO RODRIGO RIBEIRO; MICHELE RECHIA FIGHERA
UNIVERSIDADE FEDERAL DE SANTA MARIA, SANTA MARIA, RS, BRASIL.

PO311 - COOPERATIVITY BETWEEN WORKING MEMORY AND BEHAVIORAL PLANNING IN THE MONKEY PREFRONTAL CORTEX
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PO312 - STRUCTURAL INTEGRITY OF CALLOSAL SUBREGIONS IN RELATION TO BRAIN ACTIVATION ASYMMETRIES DURING SPEECH PRODUCTION AND PERCEPTION
SEBASTIAN OCKLENBURG¹; ERHAN ÇENCİ¹; ONUR GÜNTÜRKÜN¹; JUTTA PETERBURS²; KENNETH HUGDAHL³; RENÉ WESTERHAUSEN⁴
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P0313 - EXTINCTION LEARNING, WHICH CONSISTS OF THE INHIBITION OF RETRIEVAL, CAN BE LEARNED WITHOUT RETRIEVAL.

JOCIANE DE CARVALHO MYSKIW; CRISTIANE REGINA GUERINO FURINI; BIANCA SCHMIDT; FLAVIA FERREIRA; IVAN IZQUIERDO

PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0314 - APOPTOSIS PATHWAY IN HIPPOCAMPUS AND SEX DIFFERENCES IN MEMORY IMPAIRMENT FOLLOWING 3, 4-METHYLENEDIOXYMETHAMPHETAMINE ADMINISTRATION IN MALE RATS

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P0315 - ENHANCED POSITIVE EFFECTS OF EXERCISE IN A NATURAL VERSUS AN URBAN SETTING

JOACY PEDRO PEDRO FRANCO DAVID; BEATRIZ ZEITUNE DE SOUZA TOLEDO; ROSEANNE F.R EUZEBIO; ANDREA IM NEVES; SHAWN N GENIOLE; CHERYL MCDONELL MCCORMICK

BROCK UNIVERSITY, ST CATHARINES, CANADÁ.

P0316 - STUDY OF REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) COGNITIVE EFFECTS ON PATIENTS OF REFRACTORY OBSESSIVE COMPULSIVE DISORDER

MOHAMMAD HAGHIGHI; MEHRAN SHAYGANFARD; LEILA JAHANGARD; MOHAMMAD AHMADPANAH

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P0317 - EPITRANSCRIPTOMIC MECHANISMS OF MEMORY STABILITY

TIMOTHY BREDY; JOCELYN WIDAGDO; QIONGYI ZHAO

QBI, BRISBANE, AUSTRÁLIA.

P0318 - ALCOHOL ADMINISTRATION EFFECTS ON PERFORMANCE OF ZEBRAFISH IN A OBJECTS DISCRIMINATION TASK

LUANA CARLA SANTOS; JÉSSICA POLYANA LIMA; JULIA RUIZ OLIVEIRA; ANA CAROLINA LUCHIARI

UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

P0319 - IMPACT OF EARLY ENVIRONMENTAL ENRICHMENT IN COGNITIVE AND BEHAVIORAL PARAMETERS OF RATS SUBJECTED TO THE PILOCARPINE MODEL OF EPILEPSY.

LUIS FERNANDO ARAUJO; CAMILA MAURICIO SANTOS; JOSE EDUARDO CARNEIRO; REBECA PADRAO PUCCINELLI; GABRIELA DE MELO PREDEBON; VASSILIKI PATSIS BRITO; MICHELLE GASPARETI ARAUJO; VANESSA ABILIO; MARIA JOSE DA SILVA FERNANDES

UNIFESP, SAO PAULO, SP, BRASIL.

P0320 - EMOTIONAL FOCUSED COGNITIVE THERAPY: IS IT EFFECT ON SUICIDAL IDEATION IN PATIENTS WITH MAJOR DEPRESSION?

SEYED ALI KIMIAEI

FERDOWSI UNIVERSITY OF MASHHAD, MASHHAD, IRAN.

P0321 - INFLUENCE OF MASTICATORY IMPAIRMENT ON THE BEHAVIOURAL OUTCOMES OF ME7 MICE PRION DISEASE MODEL

LUIA TAYNAH VASCONCELOS BARBOSA DA PAIXAO; AMANDA SILVA LUCENA; ANNA CAROLINA CEZNE; HIRLEY GABRIEL REIMÃO; JAIME MACÊDO AMORIM; MARCO ANTÔNIO LINS DE BRITO; MURILO PEREIRA ROSA; THAISSA



GOMES BORRALHO; FABIOLA DE CARVALHO CHAVES DE SIQUEIRA MENDES; JOÃO BENTO TORRES NETO; ROSEANE BORNER DE OLIVEIRA; CRISTOVAM WANDERLEY PICAÑO DINIZ; MARCIA CONSENTINO KRONKA SOSTHENES
UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

P0322 - FROM PATHOLOGICAL COGNITIVE DEFICITS TO PHYSIOLOGICAL COGNITIVE DEVELOPMENT THROUGH QUANTITATIVE SPEECH ANALYSIS.

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P0323 - ENVIRONMENTAL INFLUENCES ON OBJECT RECOGNITION MEMORY IN GOLDFISH (CARASSIUS AURATUS)
CINTYA CASTRO DE ABREU¹; ROSELI DO SOCORRO DIAS MONTEIRO¹; SAMARA BASTOS MARQUES¹; SANDRO LUIZ DA SILVA HERDEIRO¹; TAIANY NOGUEIRA FERNANDES¹; FÁBIO RENATO RENDEIRO DE OLIVEIRA¹; SANDERSON CORRÊA ARAÚJO²; JOSÉ ANTONIO PICAÑO DINIZ²; DANIEL CLIVE ANTHONY³; DANIEL GUERREIRO DINIZ¹; CRISTOVAM WANDERLEY PICAÑO DINIZ¹

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3.UNIVERSITY OF OXFORD, OXFORD, REINO UNIDO.

P0324 - THE METABOTROPIC GLUTAMATE RECEPTOR 5 ROLE ON MOTOR BEHAVIOR INVOLVES SPECIFIC NEURAL SUBSTRATES

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P0325 - DIFFERENTIAL INVOLVEMENT OF AREAS AND LAYERS OF THE MOUSE CEREBRAL CORTEX IN ASSOCIATIVE MEMORY FORMATION AND RETRIEVAL

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P0326 - RAPID INTERMITTENT DEEP BRAIN STIMULATION BIASES BEHAVIOR IN FINANCIAL DECISION-MAKING TASK
SHAUN PATEL; SAMEER SHETH; TODD HERRINGTON; ALICE FLAHERTY; EMAD ESKANDAR
MASSACHUSETTS GENERAL HOSPITAL/HARVARD MEDICAL SCHOOL, BOSTON, ESTADOS UNIDOS.

P0327 - THE ROLE OF GLIAL CELLS ACTIVATION WITHIN THE NUCLEUS ACCUMBENS IN THE MAINTENANCE AND REINSTATEMENT OF MORPHINE-SEEKING BEHAVIOR IN RAT

REZA AREZOOMANDAN; FARIBA KHODAGHOLI; ABBAS HAGHPARAST

NEUROSCIENCE RESEARCH CENTER, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN.

P0328 - REHABILITATION OF ATTENTION IN BRAIN INJURED PATIENTS: THE USE OF TRANSCRANIAL DIRECT CURRENT STIMULATION

KATIUSCIA SACCO¹; VALENTINA GALETTO²; DANILO DIMITRI²; ELISABETTA GEDA¹; FRANCESCA PEROTTI¹; MARINA ZETTIN²; GIULIANO GEMINIANI¹

1.UNIVERSITY OF TURIN, TURIN, ITALY; 2.PUZZLE, CENTER FOR REHABILITATION OF TBI, TURIN, ITALY.

P0329 - PRE- AND POSTNATAL EXPOSURE TO MODERATE LEVELS OF ETHANOL CAN HAVE LONG-LASTING EFFECTS ON HIPPOCAMPAL GLUTAMATE UPTAKE AND BEHAVIOR IN ADOLESCENT OFFSPRING

FERNANDA MACHADO LOPES; GIOVANA BROLESE; PAULA LUNARDI; NÚBIA BROETTO; DANIELA DE SOUZA; CARLOS ALBERTO GONÇALVES

FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0330 - THE EFFICACY OF METACOGNITIVE- BEHAVIOR GROUP THERAPY AND FAMILY EDUCATION WITH PHARMACOTHERAPY ON DEPRESSION AND MANIA SYMPTOMS AND PREVENTING THE RECURRENCE IN PATIENTS WITH BIPOLAR DISORDER.

KAMAL SOLATI

SHAHREKORD UNIVERSITY OF MEDICAL SCIENCES, SHAHREKORD, IRAN.

P0331 - BETA-ADRENOCEPTOR ACTIVATION IN DORSAL HIPPOCAMPUS INDUCES A DYSFUNCTIONAL AVERSIVE MEMORY AND GENERALIZED FEAR EXPRESSION

LUCAS GAZARINI; CRISTINA APARECIDA JARK STERN; ANA CAROLINA VANVOSSEN; LEANDRO JOSÉ BERTOGLIO
UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0332 - STRUCTURAL AND FUNCTIONAL CONNECTOME OF HUMAN BRAIN AT RESTING STATE AND COGNITIVE TASKS

VADIM LEONIDOVICH USHAKOV¹; SERGEI IVANOVICH KARTASHOV¹; VICTORIA VALERYEVNA ZAVYALOVA¹; ALEXEY ANATOLIEVICH POYDA¹; VYACHESLAV ANDREYEVICH ORLOV¹; MAXIM GENNADYEVICH SHARAEV²; DENIS GENNADYEVICH MALAKHOV¹; BORIS MITROFANOVICH VELICHKOVSKY¹

1.KURCHATOV DEPARTMENT OF NBICS-TECHNOLOGIES NRC KURCHATOV INSTITUTE, MOSCOW, RUSSIA;

2.LOMONOSOV MOSCOW STATE UNIVERSITY, MOSCOW, RUSSIA.

P0333 - OPTICAL MODULATION OF ORIENS LACUNOSUM MOLECULAR (OLM) CELLS RESULTS IN SPECIFIC IMPAIRMENT OF MEMORY ACQUISITION IN AN OBJECT RECOGNITION TASK

ARTHUR SERGIO CAVALCANTI DE FRANÇA¹; SAMER SIWANI²; AMILCAR REIS²; ADRIANO B. L. TORT¹; KLAS KULLANDER²

1.BRAIN INSTITUTE, UFRN, NATAL, RN, BRASIL; 2.UPPSALA UNIVERSITY, UPPSALA, SUÉCIA.

P0334 - 5-LIPOXYGENASE DERIVATIVES IMPACT SHORT-TERM MEMORY AND MEMORY EXTINCTION IN MICE

LUCIANA MAGALHÃES LEO¹; LARA S JUNQUEIRA²; CLARISSA F CARNEIRO²; OLAVO BOHRER AMARAL²; CLAUDIO A CANETTI²; FERNANDO AUGUSTO BOZZA¹; FABRICIO ALANO PAMPLONA³

1.FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 3.INSTITUTO D'OR, RIO DE JANEIRO, RJ, BRASIL.

P0335 - SIGNED ACTIVE AVOIDANCE DIMINISHES SPONTANEOUS FEAR RECOVERY TO A CONDITIONED STIMULUS
CATHERINE A HARTLEY¹; CESAR AUGUSTO OLIVEIRA COELHO²; EMILY BOEKE³; FRANCESCA RAMIREZ⁴; ELIZABETH A PHELPS³

1.SACKLER INSTITUTE FOR DEVELOPMENTAL PSYCHOBIOLOGY, WEILL CORNELL MEDICAL COLLEGE, NEW YORK, ESTADOS UNIDOS; 2.DEPARTAMENTO DE PSICOBIOLOGIA, UNIVERSIDADE FEDERAL DE SAO PAULO, SAO PAULO, SP, BRASIL; 3.DEPARTMENT OF PSYCHOLOGY, NEW YORK UNIVERSITY, NEW YORK, ESTADOS UNIDOS; 4.4 DEPARTMENT OF PSYCHOLOGY, HARVARD UNIVERSITY, CAMBRIDGE, ESTADOS UNIDOS.

P0336 - FACTOR ANALYSIS OF GROOMING BEHAVIOR IN FIVE BEHAVIORAL TESTS

CELIO ESTANISLAU¹; ANDRÉ WILSON NAZARETH VELOSO¹; GUILHERME BRACARENSE FILGUEIRAS¹; TAIMON PIRES MAIO¹; MARIA LUIZA CLETO DAL-CÓL¹; DANIEL CONSTANTINO CUNHA¹; LUCIANO DAVID¹; RODRIGO KLEIN¹; LUCAS FRANCO CARMONA¹; PEDRO LORENZO²; ALBERTO FERNÁNDEZ-TERUEL³

1.UNIVERSIDADE ESTADUAL DE LONDRINA, LONDRINA, PR, BRASIL; 2.UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 3.UNIVERSITAT AUTÒNOMA DE BARCELONA, BARCELONA, ESPANHA.

P0337 - IMMUNOHISTOCHEMICAL AND NEUROBEHAVIOURAL ASSESSMENT OF CAFFEINE ON FRONTAL CORTEX OF ADULT WISTAR RATS

THERESA BASSEY EKANEM¹; IBORO EFFIONG EDET²; VICTOR BASSEY ARCHIBONG²; MOSES BASSEY EKONG²; MOKUTIMA AMARACHI ELUWA¹

1.UNIVERSITY OF CALABAR, CALABAR, NIGERIA; 2.UNIVERSITY OF UYO,, UYO, NIGERIA.

PO338 - "MARKOV CHAIN ANALYSIS OF SPATIAL MEMORY IN AN APPSWE/PS1 MOUSE MODEL OF ALZHEIMER'S DISEASE TESTED IN THE ELEVATED PLUS MAZE

GERALDINE GOES BOSCO1; ROBERT LALONDE2; JULIAN TEJADA3; SILVIO MORATO4; MOHAMMED FILALI5
1.DEPARTAMENTO DE COMPUTAÇÃO E MATEMÁTICA DA FFCLRP-USP, RIBEIRÃO PRETO, SP, BRASIL; 2.UNIVERSITY OF ROUEN, FACULTY OF SCIENCES, DEPT PSYCHOLOGY, MONT-SAINT-AIGNAN, FRANÇA; 3.UNIVERSIDADE FEDERAL DE SERGIPE, ARACAJU, SE, BRASIL; 4.DEPARTAMENTO DE PSICOLOGIA DA FFCLRP-USP, RIBEIRÃO PRETO, SP, BRASIL; 5.NEUROBEHAVIORAL PHENOTYPING PLATFORM, LABORATORY OF ENDOCRINOLOGY AND GENOMICS, CHUQ RESEARCH CENTER AND DEPARTMENT OF MOLECULAR MEDICINE, QUÉBEC, CANADÁ.

PO339 - INVESTIGATING THE EFFECT OF OREXIN ON LOCUS COERULEUS NEURONS DURING WITHDRAWAL SYNDROME OF MORPHINE DEPENDENT RATS ABSTRACT OPIOID ADDICTION IS A COMPLEX PHENOMENON THAT CONSISTS OF COMPONENTS INC

MAHNAZ DAVOUDI

FACULTY OF MEDICAL SCIENCE TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN.

PO340 - THE EFFECTS OF NMDA RECEPTOR BLOCKADE DURING EXTINCTION PERIOD ON MAINTENANCE OF MORPHINE REWARDING PROPERTIES IN THE RAT

ALI SIAHPOSHT SIAHPOSHT KHACHAKI1; ABBAS HAGHPARAST2

1.DEPARTMENT OF PHYSIOLOGY, FACULTY OF MEDICINE, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES AND, TEHRAN, IRAN; 2.NEUROSCIENCE RESEARCH CENTER, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN.

PO341 - THE INTERACTION BETWEEN CORTICOSTERONE AND ESTROUS CYCLE ON FEAR MEMORY CONSOLIDATION ADEL KASHEFI1; ALI RASHIDY-POUR2

1.NEUROSCIENCE RESEARCH CENTER , SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN; 2.PHYSIOLOGY REDEARCH CENTER, SEMNAN UNIVERSITY OF MEDICAL SCIENCE, SEMNAN, IRAN.

PO342 - THE EVOLUTION OF BRAIN STRUCTURE IN DRAGON LIZARDS

DANIEL HOOPS1; JEREMY ULLMANN2; ANDREW JANKE2; MARTA VIDAL-GARCIA1; TIMOTY STAIT-GARDNER3; YANURITA DIHAPSWARI3; WILLIAM PRICE3; MARTIN WHITING4; SCOTT KEOGH1; SCOTT KEOGH1

1.THE AUSTRALIAN NATIONAL UNIVERSITY, CANBERRA, AUSTRÁLIA; 2.UNIVERSITY OF QUEENSLAND, BRISBANE, AUSTRÁLIA; 3.UNIVERSITY OF WESTERN SYDNEY, SYDNEY, AUSTRÁLIA; 4.MACQUARIE UNIVERSITY, SYDNEY, AUSTRÁLIA.

PO343 - PERINATAL ASPHYXIA DETERIORATES SOCIAL INTERACTION IN RATS.

PABLO VAZQUEZ1; CATALINA RICO1; ELENA PEÑA1; DIEGO COHON1; JUAN MANUEL ACOSTA1; FABIÁN LOIDL2

1.INSTITUTO DE BIOLOGÍA CELULAR Y NEUROCIENCIAS PROF. E. DE ROBERTIS, BUENOS AIRES, ARGENTINA; 2.FACULTAD DE MEDICINA UNIVERSIDAD CATÓLICA DE CUYO., SAN JUAN., ARGENTINA.

PO344 - FACILITATION OF FEAR EXTINCTION BY NOVELTY DEPENDS ON DOPAMINE ACTING ON D1-SUBTYPE DOPAMINE RECEPTORS IN HIPPOCAMPUS

PÂMELA BILLIG MELLO-CARPES1; JEFFERSON ROSA DE MENEZES1; RAFAEL ROHERS1; JOCIANE DE CARVALHO MYSKIW2; CRISTIANE FURINI2; IVÁN IZQUIERDO2

1.UNIVERSIDADE FEDERAL DO PAMPA, URUGUAIANA, RS, BRASIL; 2.PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RS, PORTO ALEGRE, RS, BRASIL.

PO345 - UNDERSTANDING THE NEUROBIOLOGY OF FORGETTING: PREVENTING LONG-TERM SPATIAL MEMORY DECAY THROUGH INHIBITION OF NMDAR, L-VDCCS AND CALCINEURIN



RICARDO SACHSER¹; FABIANA SANTANA²; PAULA LUNARDI¹; ANA CRESTANI²; FABRÍCIO DUTRA¹; QUERUSCHE ZANONA²; ROSSANA PORTO¹; JORGE QUILLFELDT²; LUCAS ALVARES¹

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P0346 - EFFECTS OF RESTRAINT STRESS ON ALCOHOL CONSUMPTION IN ADOLESCENT RATS.

ARANZA WILLE-BILLE¹; RICARDO MARCOS PAUTASSI²

1.INSTITUTO DE INVESTIGACIONES MÉDICAS MERCEDES Y MARTÍN FERREYRA, CÓRDOBA, ARGENTINA; 2.INSTITUTO DE INVESTIGACIONES MEDICAS MERCEDES Y MARTÍN FERREYRA, CÓRDOBA, ARGENTINA.

P0347 - ERPS EVOKED BY CARMEN IN MUSCIANS AND DANCERS

HANNA LIISA POIKONEN¹; MARI TERVANIEMI¹; PETRI TOIVAINEN²

1.UNIVERSITY OF HELSINKI, HELSINKI, FINLÂNDIA; 2.UNIVERSITY OF JYVASKYLA, JYVASKYLA, FINLÂNDIA.

P0348 - THE ENDOCANNABINOID SYSTEM MODULATES EMOTIONAL MEMORIES IN THE RETROSPLENIAL CORTEX: EXPLORING THE ROLE OF CB1 RECEPTORS ON CONSOLIDATION, RECONSOLIDATION AND EXTINCTION

BÁRBARA MOTTA CASTILHO¹; RICARDO MARCELO SACHSER¹; ANA PAULA CRESTANI²; FABRÍCIO DINIZ DUTRA¹; TADEU MELLO SOUZA³; JORGE ALBERTO QUILLFELDT²; LUCAS DE OLIVEIRA ALVARES¹

1.NEUROBIOLOGY OF MEMORY LAB, BIOPHYSICS DEPARTMENT, GRADUATE PROGRAM IN NEUROSCIENCE, FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.PSYCHOBIOLOGY AND NEUROCOMPUTATION LAB, BIOPHYSICS DEPARTMENT, GRADUATE PROGRAM IN NEUROSCIENCE, FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 3.BIOCHEMISTRY DEPARTMENT, GRADUATE PROGRAM IN NEUROSCIENCE, FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0349 - PITUITARY ADENYLATE CYCLASE-ACTIVATING POLYPEPTIDE (PACAP) DISRUPTS MOTIVATION, SOCIAL INTERACTION, AND ATTENTION

RACHEL J DONAHUE; ARCHANA VENKATARAMAN; EDWARD G MELONI; WILLIAM A CARLEZON JR

MCLEAN HOSPITAL/ HARVARD MEDICAL SCHOOL, BELMONT, ESTADOS UNIDOS.

P0350 - THE HYPOTHESIS OF SELECTIONISM FOR REINFORCEMENT IN RESPONSE TO THE EMERGENCE PROBLEM OF COMPLEX ADAPTIVE SYSTEMS IN COMPUTATIONAL NEUROETHOLOGY

ENVER MIGUEL ORURO PUMA¹; GRACE VIOLETA ESPINOZA PARD²

1.NUCLEUS OF COGNITION AND COMPLEX SYSTEMS, CENTER FOR MATHEMATICS, COMPUTATION AND COGNITION, UFABC, SANTO ANDRÉ, SP, BRASIL; 2.BEHAVIORAL NEUROENDOCRINOLOGY LABORATORY, DEPARTMENT OF PHYSIOLOGY, ICBS, UFRGS, PORTO ALEGRE, RS, BRASIL.

P0351 - DEFICITS IN EXECUTIVE CONTROL FUNCTION OF ATTENTION IN DOPAMINE TRANSPORTER DEFICIENT MICE.

ANITA CYBULSKA-KLOSOWICZ¹; MARTA LACZKOWSKA²; RENATA ZAKRZEWSKA¹

1.NENCKI INSTITUTE, WARSAW, POLÔNIA; 2.WARSAW UNIVERSITY OF TECHNOLOGY, WARSAW, POLÔNIA.

P0352 - DOPAMINERGIC D2 RECEPTORS MEDIATE CONDITIONED FREEZING RESPONSE, BUT NOT THE ACTIVATION OF HPA AXIS, DURING THE EXPRESSION OF CONDITIONED FEAR

AMANDA RIBEIRO DE OLIVEIRA¹; ADRIANO EDGAR REIMER²; FERNANDO M. C. V. REIS²; MARCUS LIRA BRANDÃO²

1.GRUPO DE PSICOBIOLOGIA, CEC, UNIVERSIDADE FEDERAL DE SÃO CARLOS, SÃO CARLOS, SP, BRASIL; 2.LAB. NEUROPSICOFARMACOLOGIA, FFCLRP, UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

P0353 - SUBACUTE EXPOSURE TO METHYLMERCURY IMPAIRS LEARNING AND DECREASES GENE EXPRESSION OF THYROID HORMONE TRANSPORTERS IN HIPPOCAMPUS OF RATS



GLAECIR RM DIAS; ELAINE C LIMA DE SOUZA; LEANDRO M ALVES; ANDREA CF FERREIRA; DENISE P CARVALHO
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO354 - CHRONIC AND ACUTE CAFFEINE ADMINISTRATION: EFFECTS ON ZEBRAFISH PERFORMANCE IN OBJECTS
DISCRIMINATION

JÉSSICA POLYANA DA SILVA LIMA; JULIA RUIZ DE OLIVEIRA; LUANA CARLA SANTOS; ANA CAROLINA LUCHIARI
UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO355 - DISTINCT NEURONAL ENSEMBLES IN RAT INFRALIMBIC CORTEX UNDERLIE TRAINING AND EXTINCTION
ENSEMBLES IN FOOD LEARNING.

BRANDON L WARREN; MICHAEL MENDOZA; FABIO C CRUZ; RODRIGO M LEAO; DANIELE CAPRIOLI; YAVIN SHAHAM;
BRUCE T HOPE

NATIONAL INSTITUTE ON DRUG ABUSE, IRP, BALTIMORE, ESTADOS UNIDOS.

PO356 - DISSECTING CHOLINERGIC FUNCTIONS IN THE BRAIN BY TARGETING THE VESICULAR ACETYLCHOLINE
TRANSPORTER.

VANIA FERREIRA PRADO

UNIVERSITY OF WESTERN ONTARIO, LONDON, CANADÁ.

PO357 - PRECLINICAL EFFICACY OF HUMAN UMBILICAL CORD BLOOD DERIVED LINEAGE NEGATIVE STEM CELLS UPON
TRANSPLANTATION IN A MOUSE MODEL OF COGNITIVE IMPAIRMENT

AKSHAY ANAND1; AVIJIT BANIK1; SUDESH PRABHAKAR1; JASVINDER KALRA2

1.NEUROSCIENCE RESEARCH LAB, DEPARTMENT OF NEUROLOGY, POSTGRADUATE INSTITUTE OF MEDICAL
EDUCATION AND RESEARCH, CHANDIGARH, ÍNDIA; 2.DEPARTMENT OF OBSTETRICS AND GYNECOLOGY,
POSTGRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH, CHANDIGARH, ÍNDIA.

PO358 - DOHSA-HOU PSYCHOLOGICAL REHABILITATION PROGRAM IMPROVED PERFORMANCE OF MULTIPLE
SCLEROSIS PATIENTS.

FARIBA YAZDKHASTI

UNIVERSITY OF ISFAHAN, ISFAHAN, IRAN.

PO359 - PERFORMANCE IN ACTIVE AVOIDANCE: BEHAVIORAL AND NEUROCHEMICAL APPROACH

FABIANA STRAMBIO DE REZENDE; FLAVIA VENETUCCI GOUVEIA; CAROLINE CRUZ DE OLIVEIRA; LENNON TOSATI

CARDOSO DOS SANTOS; GEIZA FERNANDA ANTUNES; MIDYÁ DIAS DE JESUS SENO; RAQUEL CHACON RUIZ MARTINEZ

IEP - SÍRIO LIBANÊS, SÃO PAULO, SP, BRASIL.

PO360 - BEHAVIOURAL CHANGES INDUCED BY CAFFEINE IN ZEBRAFISH

JÚLIA RUIZ OLIVEIRA; JÉSSICA POLYANA DA SILVA LIMA; LUANA CARLA SANTOS; ANA CAROLINA LUCHIARI

UFRN, NATAL, RN, BRASIL.

PO361 - INFLUENCE OF REPRODUCTIVE EXPERIENCE ON BEHAVIORAL RESPONSE TO THE MATERNAL SEPARATION
STRESS IN MOTHER RATS.

JULIETA PAOLA AGUGGIA; MARTA SUÁREZ; MARÍA ANGÉLICA RIVAROLA

SCHOOL OF EXACT, PHYSICAL AND NATURAL SCIENCES. NATIONAL UNIVERSITY OF CORDOBA, CORDOBA CAPITAL,
ARGENTINA.

PO362 - STEREOTYPE THREAT ENGENDERS ENHANCED ENCODING OF NEGATIVE FEEDBACK TO UNDERMINE
PERFORMANCE

CHAD FORBES; KELLY DURAN; ADAM MAGERMAN; MENGTING LIU

UNIVERSITY OF DELAWARE, NEWARK, ESTADOS UNIDOS.

PO363 - RE-VISITING EXTRAPOLATION OF SERIAL STIMULUS PATTERNS BY RATS

DANIEL GIURA DA SILVA; GILBERTO FERNANDO XAVIER
USP, SÃO PAULO, SP, BRASIL.

PO364 - HISTAMINE INFUSION MODULATES THE RECALL OF AVERSIVE MEMORY

ROBERTA FABBRI¹; CRISTIANE REGINA GUERINO FURINI²; PATRIZIO BLANDINA¹; MARIA BEATRICE PASSANI¹; IVAN IZQUIERDO²; JOCIANE DE CARVALHO MYSKIW²

1.DEP. NEUROFARBA-UNIVERSITÀ DI FIRENZE, FIRENZE, ITALY; 2.CENTRO DE MEMÓRIA, INSTITUTO DO CÉREBRO, PUCRS, PORTO ALEGRE, RS, BRASIL.

PO365 - CHANGES IN GLUN1 AND GLUN2A NDMAR SUBUNITS EXPRESSION AFTER HABITUATION TO AN OPEN FIELD.

MAGALÍ CECILIA CERCATO; CECILIA VAZQUEZ; EDGAR KORNISIUK; ALEJANDRA AGUIRRE; MARINA SNITCOFSKY; MARÍA VERÓNICA BAEZ; DIANA JERUSALINSKY

INSTITUTO DE BIOLOGÍA CELULAR Y NEUROCIENCIAS, CIUDAD AUTONOMA DE BUENOS AIRES, ARGENTINA.

PO366 - INSIGHT INTO HIPPOCAMPUS DEVELOPMENT DURING THE FIRST TWO POSTNATAL MONTHS IN CONTROL AND FETAL ALCOHOL RATS

EWA JAKUBOWSKA-DOĞRU¹; BIRSEN ELIBOL-CAN²; ILKNUR DURSUN³; SINAN CANAN⁴; SINAN YUREKER⁵; ERTUGRUL KILIÇ⁶

1.MIDDLE-EAST TECHNICAL UNIVERSITY, ANKARA, TURQUIA; 2.BEZMIALEM UNIVERSITY, İSTANBUL, TURQUIA; 3.ÜSKÜDAR UNIVERSITY, İSTANBUL, TURQUIA; 4.YILDIRIM BEYAZIT UNIVERSITY, ANKARA, TURQUIA; 5.HACETTEPE UNIVERSITY, ANKARA, TURQUIA; 6.MEDIPOL UNIVERSITY, İSTANBUL, TURQUIA.

PO367 - EFFECTS OF AN ANTI-MUSCARINIC COMPONENT ISOLATED FROM MICRURUS LEMNISCATUS VENOM ON INTRACELLULAR SIGNALING BY INOSITOL PHOSPHATE AND LEARNING AND MEMORY RATS

TIAGO GUARDIA DE SOUZA E SILVA¹; TATIANA SHIROTA SATAKE¹; FERNANDO MAURÍCIO ABDALLA¹; MÁRCIA CASOTI¹; RAFAEL MARQUES PORTO²; ISABEL BATISTA²; GILBERTO FERNANDO XAVIER³; MARIA REGINA LOPES SANDOVAL¹

1.LABORATORY OF PHARMACOLOGY; BUTANTAN INSTITUTE, SÃO PAULO, SP, BRASIL; 2.LABORATORY OF BIOCHEMISTRY AND BIOPHISIC; BUTANTAN INSTITUTE, SÃO PAULO, SP, BRASIL; 3.LABORATORY OF NEUROSCIENCE AND BEHAVIOUR; INSTITUTE OF BIOSCIENCES; UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO368 - RELATIONSHIP BETWEEN BODY AND BEAUTY STANDARDS AND THE USE OF ANOREXIC DRUGS BY WOMEN

FERNANDA TALHATI ANDRADE¹; TAINARA DE CARLI¹; ANA CLAUDIA SIQUEIRA¹; ANA CLAUDIA CUNHA BARBOSA¹; PAMELA ARANTES¹; LAIS FERNANDA BERRO²

1.BRAZ CUBAS, MOGI DAS CRUZES, SP, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL.

PO369 - BEHAVIORAL AND NEURAL FEATURES OF COMPLEX ASSOCIATIVE MEMORY IN TONE-LIGHT COMPOUND FEAR CONDITIONING IN MICE

OLGA IGOREVNA IVASHKINA; KSENIA A. TOROPOVA; MARINA A. ROSHCHINA; KONSTANTIN V. ANOKHIN
NRC, MOSCOW, RÚSSIA.

PO370 - HIPPOCAMPAL MOLECULAR MECHANISM INVOLVED IN THE ENHANCEMENT OF FEAR EXTINCTION CAUSED BY EXPOSURE TO NOVELTY.

EDUARDO SILVA DE ASSIS BRASIL; CRISTIANE REGINA GUERINO FURINI; FERNANDO BENETTI; IVAN IZQUIERDO; JOCIANE DE CARVALHO MYSKIW

CENTRO DE MEMÓRIA, INSCER/PUCRS, PORTO ALEGRE, RS, BRASIL.

PO371 - COGNITIVE IMPAIRMENT AND MORPHOLOGICAL CHANGES IN THE DORSAL HIPPOCAMPUS OF VERY OLD FEMALE RATS



GUSTAVO MOREL; TOMAS ANDERSEN; JOAQUIN PARDO; CLAUDIA HEREÑU; RODOLFO GOYA
BIOCHEMISTRY INSTITUTE OF LA PLATA, LA PLATA, ARGENTINA.

PO372 - FEAR OF FALLING AS AN INDIRECT INDICATOR OF COGNITIVE ABILITY AND FUNCTIONALITY IN THE ELDERLY
LÍLIAN ATALAIA¹; CLÁUDIA CERQUEIRA MÁRMORA²; KELLY ATALAIA-SILVA³
1.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE JUIZ DE FORA, JUIZ DE FORA, MG, BRASIL; 3.FACULDADE MACHADO SOBRINHO, JUIZ DE FORA, MG, BRASIL.

PO373 - WISTAR RATS RECOLLECT TEMPORAL AND SPATIAL ASPECTS IN A MULTIPLE TRIALS EPISODIC-LIKE MEMORY TASK
DAVI DRIESKENS CARVALHO DE CASTRO SÁ BARRETO; JALLES DANTAS DE LUCENA; LÍVIA RODRIGUES NEVES; BERNARDO JALES DE SALES; KAREN CRISTINA PUGLIANE; THIAGO MONTEIRO DE PAIVA FERNANDES; CRHISTIANE ANDRESSA DA SILVA; FLÁVIO FREITAS BARBOSA
FEDERAL UNIVERSITY OF PARAÍBA, JOÃO PESSOA, PB, BRASIL.

PO374 - LEFT MEDIAL PREFRONTAL CORTEX INHIBITION DOES NOT CHANGE ANXIETY-RELATED BEHAVIOR IN MICE SUBJECTED TO RESTRAINT STRESS
NATHÁLIA SANTOS COSTA; MARIA ADRIELLE VICENTE; RICARDO LUIZ NUNES DE SOUZA
UNIVERSIDADE ESTADUAL PAULISTA (UNESP), ARARAQUARA, SP, BRASIL.

PO375 - DIFFERENTIAL MODULATION OF REWARDING AND PSYCOMOTOR INDUCING PROPERTIES OF COCAINE BY GABAB RECEPTOR SUBTYPES
ROBERTA GONÇALVES ANVERSA¹; ALEXIS BAILEY²; LORETO ROJO²
1.UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS, RS, BRASIL; 2.UNIVERSITY OF SURREY, GUILDFORD, REINO UNIDO.

08/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION I - NOVEL METHODS AND TECHNOLOGY DEVELOPMENT

PO376 - A NEW DIAGNOSTIC MARKER OF BRAIN ISCHEMIA AS A PREDICTOR OF STROKE
KANEZ FATIMA-SHAD
UNIVERSITY OF TECHNOLOGY SYDNEY, SYDNEY/PYRMONT, AUSTRÁLIA.

PO377 - BRAIN MULTIVOXEL MAGNETIC RESONANCE SPECTROSCOPY IN PATIENTS WITH HIV INFECTION
DUSKO KOZIC; JASMINA BOBAN; JELENA OSTOJIC; SNEZANA BRKIC; VESNA TURKULOV
UNIVERSITY OF NOVI SAD FACULTY OF MEDICINE, NOVI SAD, SERBIA.

PO378 - LABELING OF AFFERENT CHOLINERGIC PROJECTIONS TO THE RAT MEDIAL PREFRONTAL CORTEX USING VIRAL MEDIATORS
ANTONIO LUCHICCHI¹; JOHN NOEL M VIANNA¹; OUISSAME MNIE-FILALI¹; TOMMY PATTIJ²; HUIBERT D MANSVELDER¹
1.DEPARTMENT OF INTEGRATIVE NEUROPHYSIOLOGY, CENTER FOR NEUROGENOMICS AND COGNITIVE RESEARCH, NEUROSCIENCE CAMPUS AMSTERDAM, VU UNIVERSITY AMSTERDAM AMSTERDAM, AMSTERDAM, HOLANDA;
2.NEUROSCIENCE CAMPUS AMSTERDAM, DEPARTMENT OF ANATOMY AND NEUROSCIENCES, VU UNIVERSITY MEDICAL CENTER, AMSTERDAM, HOLANDA.

PO379 - NEUROSCIENCE APPLIED TO EDUCATION THROUGH BRAIN STIMULATION TECHNIQUE REHABILITATION
MULTIMEDIA

LUCIANA FREIRE¹; EDUARDO SILVA²; KARINA BORGES²

1.FACULTY OF MEDICINE OF SÃO JOSE DO RIO PRETO - FAMERP - SECTOR OF NEUROLOGICAL SCIENCES AND SECRETARY MUNICIPAL EDUCATION CITY OF OLYMPIA - SP – BRAZIL, OLÍMPIA, SP, BRASIL; 2.FACULTY OF MEDICINE OF SÃO JOSE DO RIO PRETO - FAMERP - SECTOR OF NEUROLOGICAL SCIENCES, OLÍMPIA, SP, BRASIL.

PO380 - BRAIN RHYTHM IDENTIFICATION BY DECOMPOSITION INTO EMPIRICAL OSCILLATORY MODES

DIMITER PRODANOV¹; KATRIEN MOLS¹; IVAN GLIGORIJEVIC²

1.IMEC, LEUVEN, BÉLGICA; 2.UNIVERSITY OF KRAGUJEVAC, KRAGUJEVAC, SERBIA.

PO381 - TWO-PHOTON IMAGING OF SUBCELLULAR VOLTAGE DYNAMICS IN VIVO WITH IMPROVED GENETICALLY ENCODED INDICATORS

FRANCOIS ST-PIERRE; HELEN H YANG; XIAOZHE DING; YING YANG; THOMAS R CLANDININ; MICHAEL Z LIN
STANFORD UNIVERSITY, STANFORD, ESTADOS UNIDOS.

PO382 - INHIBITORY LUMINOPSINS: GENETICALLY ENCODED BIOLUMINESCENT OPSINS FOR VERSATILE, SCALABLE, AND HARDWARE-INDEPENDENT OPTOGENETIC INHIBITION

JACK TUNG¹; CLAIRE-ANNE GUTEKUNST²; KEN BERGLUND²; ROBERT GROSS²

1.GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, ESTADOS UNIDOS; 2.EMORY UNIVERSITY, ATLANTA, ESTADOS UNIDOS.

PO383 - DERIVATION OF MOTOR NEURON LIKE CELLS FROM NEONATAL MOUSE TESTIS IN A SIMPLE CULTURE CONDITION

SETAREH JAVANMARDY¹; MOHAMMAD HOSSAIN ASADI²; MANSOUREH MOVAHEDIN³; FARSHAD MORADPOUR⁴

1.DEPARTMENT OF ANATOMY, FACULTY OF MEDICINE, KERMANSHAH UNIVERSITY OF MEDICAL SCIENCES, KERMANSHAH, IRAN; 2.DEPARTMENT OF ANATOMICAL SCIENCES, FACULTY OF MEDICINE, BAQIYATALLAH UNIVERSITY OF MEDICAL SCIENCES, KERMANSHAH, IRAN; 3.DEPARTMENT OF ANATOMICAL SCIENCES, FACULTY OF MEDICAL SCIENCES, TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN; 4.DEPARTMENT OF PHYSIOLOGY & PHARMACOLOGY, FACULTY OF MEDICINE, KERMANSHAH UNIVERSITY OF MEDICAL SCIENCES, KERMANSHAH, IRAN.

PO384 - THREE-DIMENSIONAL IMMERSIVE VIRTUAL REALITY FOR STUDYING CELLULAR COMPARTMENTS IN 3D MODELS FROM EM PREPARATIONS OF NEURAL TISSUES

CORRADO CALI¹; JUMANA BAGHABRA¹; DANIYA BOGES¹; GLENDON HOLST¹; ANNA KRESHUK²; FRED HAMPRECHT²; MADHUSUDHANAN SRINIVASAN¹; HEIKKI LEHVÄSLAIHO¹; PIERRE MAGISTRETTI¹

1.KAUST, THUWAL, ARÁBIA SAUDITA; 2.HCI, HEIDELBERG, ALEMANHA.

PO385 - THE DORSAL REGION AND THE LATERAL WINGS OF THE DORSAL RAPHE NUCLEUS SHOW DIFFERENT ELETROPHYSIOLOGICAL PROFILES

TATIANA WSCIEKLICA¹; MARIANA CARVALHO SILVA DE FARIA¹; LIANA MELO-THOMAS²; ISABEL CRISTINA CÉSPEDES¹; MILENA BARROS VIANA¹

1.UNIFESP, SANTOS, SP, BRASIL; 2.PHILIPPS-UNIVERSITY OF MARBURG, MARBURG, ALEMANHA.

PO386 - COMPARISON OF MODERN SOURCE IDENTIFYING METHODS FOR EEG

LAURI VALTTERI AHONEN

BRAIN WORK RESEARCH CENTRE, FINNISH INSTITUTE OF OCCUPATIONAL HEALTH, HELSINKI, FINLÂNDIA.

PO387 - TRANSPARENT NERVOUS TISSUE WITH CLARITY HISTOLOGY AND LIGHT-SHEET LASER SCANNING OF LARGE BRAIN STRUCTURES.

FABIO ZANINI; MARIA CLAUDINE VARGAS CHEIM; GABRIEL MAISONNAVE ARISI

UNIFESP, SAO PAULO, SP, BRASIL.

08/07/2015



08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION

POSTER SESSION I - HISTORY OF NEUROSCIENCE

H. HISTORY OF NEUROSCIENCE

P0388 - FROM 1948 TO 1978: WAS THERE A CONSISTENT EMPIRICAL AND THEORETICAL BASIS FOR O'KEEFE-NADEL (1978) PROPOSITION OF HIPPOCAMPUS AS A COGNITIVE MAP?

LUIZ HENRIQUE SANTANA CONCEICAO

FEDERAL UNIVERSITY OF ABC, SÃO PAULO, BRAZIL, SÃO BERNARDO DO CAMPO, SP, BRASIL.

P0389 - OPPORTUNITIES IN JOURNAL IMPULSE FOR NON-ANGLOPHONE STUDENT PUBLISHING AND REVIEWING FOR ALL DISCIPLINES

LESLIE SARGENT JONES¹; KYLE SASSER¹; PIERRE KREIK²; ANNELIZE VORSTER²

1.APPALACHIAN STATE UNIVERSITY, BOONE, ESTADOS UNIDOS; 2.UNIVERSITY OF THE FREE STATE, BLOEMFONTEIN, ÁFRICA DO SUL.

P0390 - EFFECTIVENESS OF NEUROSCIENCE DISCLOSURE ACTIONS CONDUCTED WITH TEACHERS AND STUDENTS DURING BRAIN AWARENESS WEEK

ALEXNDRE DOS SANTOS MARTINS; LIANE DA SILVA DE VARGAS; PÂMELA BILLIG MELLO-CARPES

UNIVERSIDADE FEDERAL DO PAMPA, URUGUAIANA, RS, BRASIL.

P0391 - MYTHS AND TRUTHS IN NEUROSCIENCE: AN ONLINE SURVEY

FILLIPE AGRA DE OLIVEIRA COSME¹; BRUNA CARLA LOPES CARVALHO²; ADRIANA XIMENES-DA-SILVA³

1.FACULDADE DE MEDICINA DA UNIVERSIDADE FEDERAL DE ALAGOAS, MACEIÓ, AL, BRASIL; 2.INSTITUTO DE PSICOLOGIA DA UNIVERSIDADE FEDERAL DE ALAGOAS, MACEIÓ, AL, BRASIL; 3.INSTITUTO DE CIÊNCIAS BIOLÓGICAS E DA SAÚDE DA UNIVERSIDADE FEDERAL DE ALAGOAS, MACEIÓ, AL, BRASIL.

P0392 - NEUROSCIENCE EDUCATION ACROSS THE CONTINENTS: THE WEILL CORNELL MEDICAL COLLEGE EXPERIENCE

ZIAD KRONFOL; NAIM HADDAD; PETER MARZUK

WEILL CORNELL MEDICAL COLLEGE, DOHA, CATAR.

09/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION II - DEVELOPMENT

P0393 - RETINOCOLICULAR TOPOGRAPHY DEPENDS ON REELIN SIGNALING DURING CRITICAL PERIOD: MODULATION THROUGH NEONATAL TRYPTOPHAN RESTRICTION

RACHEL ANTONIOLI SANTOS¹; CECÍLIA HEDIN PEREIRA²; CLAUDIO ALBERTO SERFATY¹

1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0394 - INHIBITION OF PHOSPHATASES ALTERS TOPOGRAPHIC ORGANIZATION AND ENHANCES SYNAPSE MATURATION IN THE SUPERIOR COLICULUS OF THE RAT

BRUNA LANZILLOTTA DE MATTOS¹; PABLO TRINDADE²; CLAUDIO ALBERTO SERFATY¹



1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSITY OF MARYLAND, COLLEGE PARK, ESTADOS UNIDOS.

PO395 - EARLY ALCOHOL EXPOSURE CAUSES ABNORMAL TOPOGRAPHY IN DEVELOPING VISUAL PATHWAYS, REDUCES PLASTICITY AND INDUCES BEHAVIORAL CHANGES IN RODENTS.

ERICKA MARGELIS GONZALEZ¹; PABLO TRINDADE²; ARNALDO SÁ GERALD¹; ALEXANDRE ESTEVES MEDINA²; CLAUDIO ALBERTO SERFATY¹

1.UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI, RJ, BRASIL; 2.UNIVERSITY OF MARYLAND, COLLEGE PARK, ESTADOS UNIDOS.

PO396 - DEVELOPMENTAL PROFILE OF MITOGEN-ACTIVATED PROTEIN KINASES IN RAT HIPPOCAMPUS AND ROLE OF EARLY MEK/ERK INHIBITION ON LATER-LIFE COGNITIVE BEHAVIOR

ANA PAULA COSTA; SAMANTHA CRISTINE LOPES; DÉBORA K. RIEGER; MARK WILLIAM LOPES; SABRINA GIONAVA ROCHA BARBOSA; HELENA EYNG; RUI D. PREDIGER; JOSÉ CARLOS XICOTA; ROGER WALZ; RODRIGO B. LEAL
UNIVERSIDADE FEDERAL DE SANTA CATARINA (UFSC), FLORIANÓPOLIS, SC, BRASIL.

PO397 - EXTRACELLULAR VESICLES AS POTENTIAL SIGNALING CARRIERS DURING NEURONAL DIFFERENTIATION OF MOUSE EMBRYONIC STEM CELLS

LILIAN CRUZ; JENNY ANDREA AREVALO; MARILENE HOHMUTH LOPES
UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO398 - BIRTH BY CAESAREAN SECTION LEADS TO CHANGES ACROSS THE MICROBIOTA-GUT-BRAIN AXIS IN MICE: EFFECTS OF POSTNATAL OXYTOCIN ADMINISTRATION

LIVIA HECKE MORAIS; YULIYA E BORRE; ANNA GOLUBEVA; ANA PAULA RAMOS COSTA; KAREN ANN SCOTT; GERARD MOLONEY; CATHERINE STANTON; TIMOTHY G DINAN; JOHN F CRYAN
ALIMENTARY PHARMABIOTIC CENTRE, UNIVERSITY COLLEGE CORK, CORK, IRLANDA.

PO399 - ELUCIDATING THE REGULATORY MECHANISMS THAT MODULATE NEUROG2 PRONEURAL ACTIVITY

DANIEL DENNIS; CHRIS KOVACH; DAWN ZINYK; CAROL SCHUURMANS
UNIVERSITY OF CALGARY, CALGARY, CANADÁ.

PO400 - STUDY OF NEURONAL AND GLIAL DENSITY OF THE PREFRONTAL CORTEX OF RATS SUBMITTED TO MATERNAL SEPARATION AND ENVIRONMENTAL ENRICHMENT

ANA BEATRIZ SOUZA NAKAYAMA¹; CAROL KOBORI FONSECA¹; SUÉLEN MERLO¹; PRISCILA MENDES COMASSIO¹; JOSÉ INÁCIO LEMOS²; JORGE EDUARDO MOREIRA¹

1.FACULDADE DE MEDICINA DE RIBEIRÃO PRETO - UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL;
2.UNIVERSIDADE FEDERAL DO PARÁ, RIBEIRÃO PRETO, PA, BRASIL.

PO401 - A STUDY OF GLIAL DIFFERENTIATION IN PERICYTE-LIKE CELLS IN HUMAN CORTICAL INJURIES

ANA CLARA PRADA JARDIM¹; JOAN LIU²; CHERYL REEVES²; SANJAY SISODIYA²; MARIA THOM²

1.DEPARTMENT OF NEUROLOGY AND NEUROSURGERY, UNIVERSIDADE FEDERAL DE SAO PAULO, SÃO PAULO, SP, BRASIL; 2.DEPARTMENTS OF NEUROPATHOLOGY AND CLINICAL AND EXPERIMENTAL EPILEPSY, UCL INSTITUTE OF NEUROLOGY, LONDON, REINO UNIDO.

PO402 - PRENATAL EXPOSURE ONLY TO LPS OR ASSOCIATED TO INTRAUTERINE ASPHYXIA CAUSES CELULAR DEATH AND DECREASE SYNAPTOGENESIS IN THE HIPPOCAMPUS BUT DOESN'T REPRODUCE THE FUNTIONAL DEFICITS OF CEREBRAL PALSY

ETHIANE SEGABINAZI; MARIA AUGUSTA TIMMEM RAIMUNDO; SAMIR KHAL DE SOUZA; SILVIA BARBOSA; OTÁVIO AMÉRICO AUGUSTIN; MARÍLIA ROSSATO MARQUES; FRANCELE VALENTE PIAZZA; SIMONE MARCUZZO; MATILDE ACHAVAL ELENA



UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO403 - ROLE OF THE AMYLOID PRECURSOR PROTEIN IN NEURAL STEM/PROGENITOR CELL PROLIFERATION AND DIFFERENTIATION

YAN LING HU; MARTA BOLOS; LISA FOA; KAYLENE YOUNG; DAVID SMALL
MENZIES RESEARCH INSTITUTE, HOBART, AUSTRÁLIA.

PO404 - A CREB-SIRT1-HES1 CIRCUITRY MEDIATES NEURAL STEM CELL RESPONSE TO GLUCOSE AVAILABILITY
LUCIA LEONE¹; SALVATORE FUSCO¹; SAVIANA ANTONELLA BARBAT¹; DANIELA SAMENGO²; ROBERTO PIACENTINI¹; GABRIELE TOIETTA³; GIUSEPPE MAULUCCI⁴; GIOVAMBATTISTA PANI²; CLAUDIO GRASSI¹

1.INSTITUTE OF HUMAN PHYSIOLOGY, MEDICAL SCHOOL, UNIVERSITÀ CATTOLICA, ROME, ITALY, ROME, ITALY;
2.INSTITUTE OF GENERAL PATHOLOGY, MEDICAL SCHOOL, UNIVERSITÀ CATTOLICA, ROME, ITALY, ROME, ITALY;
3.REGINA ELENA NATIONAL CANCER INSTITUTE, ROME, ITALY, ROME, ITALY; 4.INSTITUTE OF PHYSICS, UNIVERSITÀ CATTOLICA, ROME, ITALY, ROME, ITALY.

PO405 - INTRAVITREAL TREATMENT WITH INTERLEUKIN-4 OR INTERLEUKIN-6 RECRUITS DIFFERENT SIGNALING MOLECULES TO MODULATE RETINAL ACTIVITY

GRASIELLE DUARTE MENEZES; VANESSA GAMA GOULART; PAULA CAMPELLO COSTA
UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL.

PO406 - MUTATED NOX3 CAUSES EXCESSIVE CEREBELLAR NEURONAL PRECURSORS PROLIFERATION

PATRÍCIA CAMACHO MAZZONETTO¹; CAROLINA BATISTA ARIZA²; TIAGO ANTONIO DE SOUZA³; GUI MI KO¹; LAYLA TESTA GALINDO¹; MAYARA T. V. VIEIRA MUNDIM¹; SILVIA M. GOMES MASSIRONI³; MARIMÉLIA APARECIDA PORCIONATTO¹

1.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDADE ESTADUAL DE LONDRINA, LONDRINA, PR, BRASIL; 3.UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO407 - ACTIONS OF CAFFEINE ON GABAERGIC SYSTEM OF DEVELOPING CHICK EMBRYO RETINA

DANNIEL PEREIRA FIGUEIREDO; RAFAEL BRITO SILVA; ROBERTO PAES CARVALHO; KARIN COSTA CALAZA
FEDERAL FLUMINENSE UNIVERSITY, NITERÓI, RJ, BRASIL.

PO408 - NUCLEOTIDE RECEPTORS MODULATE RETINAL GLIA ADHESION AND MIGRATION FOLLOWING SCRATCH INJURY OF MONOLAYER CULTURES

THAYANE MARTINS SILVA¹; GUILHERME RAPOZEIRO FRANÇA¹; ISIS MORAES ORNELAS¹; ERICK CORREIA LOIOLA¹; HENNING ULRICH²; ANA LUCIA MARQUES VENTURA¹

1.FEDERAL FLUMINENSE UNIVERSITY, NITERÓI, RJ, BRASIL; 2.SÃO PAULO UNIVERSITY, SÃO PAULO, SP, BRASIL.

PO409 - HEARS: HIGHLY EXPRESSED AXONAL RNAs

ISATO ARAKI; NOZOMI ONODERA
IWATE UNIV, MORIOKA, JAPÃO.

PO410 - NEONATAL ANOXIA IN RATS: EVALUATION OF SOMATIC AND SENSORY-MOTOR DEVELOPMENT AND SPATIAL MEMORY IN ADOLESCENCE.

AMRITA JHA KUMAR; ALINE VILAR MACHADO-NILS; KELLY PATRICIA NERY BORGES; SILVIA HONDA TAKADA; GILBERTO FERNANDO XAVIER; MARIA INES NOGUEIRA
USP, SAO PAULO, SP, BRASIL.

PO411 - ROLE OF CREB ON THE REGULATION OF VISUAL CORTEX PLASTICITY

NISHA SUSANNA PULIMOOD; ALEXANDRE E MEDINA
UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE, BALTIMORE, ESTADOS UNIDOS.

PO412 - CAFFEINE TREATMENT DURING LACTATION DISRUPTS RETINOTECTAL TOPOGRAPHY IN PUPS: POSSIBLE INVOLVEMENT OF GLIAL CELLS

BRUNA TEIXEIRA SILVA¹; GRASIELLE DUARTE MENEZES¹; FELIPE CABRAL MIRANDA²; PAULA CAMPELLO COSTA LOPES¹

1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO413 - MICRORNA BIOMARKERS OF FEAR DISORDERS INDUCED BY PERINATAL EXPOSURE TO ENVIRONMENTAL CONTAMINANT METHYLMERCURY

NINA N KARPOVA

UNIVERSITY OF SAO PAULO, RIBEIRAO PRETO, SP, BRASIL.

PO414 - STUDY OF GLIOBLASTOMA MULTIFORM HETEROGENEITY AND PLASTICITY IN CHICK EMBRYONIC ENVIRONMENT

PATRICIA STREIT

UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO415 - INTERACTION BETWEEN T3 AND AMPC/PKA PATHWAY HAS DIFFERENT ROLES ON OLIGODENDROGLIAL/MYELIN PROTEINS DISTRIBUTION DURING DEVELOPMENT

LUIZ OTÁVIO OTÁVIO FELGUEIRAS¹; CAMILA OLIVEIRA DA SILVA¹; VIVIANE YOUNES RAPOZO¹; EIZABETH GISTAL DE ARAÚJO²; ALAN PEREIRA DA COSTA¹; JULIANA VAILANT¹; FRANK TENÓRIO¹; PENHA CRISTINA BARRADAS¹

1.UERJ, RIO DE JANEIRO, RJ, BRASIL; 2.UFF, RIO DE JANEIRO, RJ, BRASIL.

PO416 - FIBULIN-2 IS A KEY MEDIATOR OF THE PRO-NEUROGENIC EFFECT OF TGF-BETA1 ON ADULT NEURAL STEM CELLS

MARIA CELESTE LEAL¹; PABLO DANIEL RADICE¹; PATRICIA MATHIEU²; CARINA CINTIA FERRARI³; MARIA ISABEL FARIAS⁴; MARIANA PUNTEL⁵; MARIANO SALIBE¹; ARIEL CHERNOMORETZ¹; FERNANDO JUAN PITOSI¹

1.LELOIR INSTITUTE FOUNDATION-IIBBA CONICET, BUENOS AIRES, ARGENTINA; 2.IQUIFIB, CONICET-UBA, BUENOS AIRES, ARGENTINA; 3.ICBME, ITALIAN HOSPITAL, BUENOS AIRES, ARGENTINA; 4.LELOIR INSTITUTE FOUNDATION, BUENOS AIRES, ARGENTINA; 5.INCUINTA-INTA, CASTELAR, ARGENTINA.

PO417 - DAMAGE TO THE BLOOD-BRAIN BARRIER, OXIDATIVE STRESS AND INCREASED PRODUCTION OF PROINFLAMMATORY CYTOKINES ASSOCIATED WITH AUTISM SPECTRUM DISORDER

TAINÁ PAULO ZANATA TROMBETTA; EVANDRO CITTADIN SOARES; DRIELLY FLORENTINO; MONIQUE MICHELS; FERNANDA MARASCHIN RECH; LAIS SOARES BOING; NAIANA ROSA; FABRICIA PETRONILHO; JUCÉLIA JEREMIAS FORTUNATO

UNIVERSIDADE DO SUL DE SANTA CATARINA - UNISUL, TUBARÃO, SC, BRASIL.

PO418 - EARLY LIFE STRESS INDUCES RAPID AND PERSISTENT ALTERATIONS IN LIMBIC ENDOCANNABINOID CONTENT

PIRAY ATSAK¹; MARIA MORENA²; CHARLOTTE OOMEN¹; MATTHEW N. HILL²; BENNO ROOZENDAAL¹
1.DEPARTMENT OF COGNITIVE NEUROSCIENCE, RADBOUD UNIVERSITY MEDICAL CENTRE AND DONDEERS INSTITUTE FOR BRAIN COGNITION AND BEHAVIOUR, NIJMEGEN, HOLANDA; 2.HOTCHKISS BRAIN INSTITUTE, UNIVERSITY OF CALGARY, CALGARY, CANADÁ.

PO419 - SOX6 CONTROLS INTRINSIC VARIABILITY OF LAYER V MARTINOTTI CELLS

HERMANY MUNGUBA; HANNAH HOCHGERNER; POLINA OBERST; ANA MANCHADO MUNOZ; STEN LINNARSON; JENS HJERLING LEFFLER

KAROLINSKA INSTITUTET, STOCKHOLM, SUÉCIA.



PO420 - EPIGENETIC REGULATION OF NEURAL STEM CELLS BEHAVIOUR ON ADULT BRAIN
LUKAS BOLINI GONÇALVES; VALÉRIA DE MELLO COELHO; KATIA CARNEIRO DE PAULA; CLAUDIA M. C. BATISTA
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO421 - NEDD8 DRIVES SYNAPTIC DEVELOPMENT AND STABILIZES SYNAPSES PROTECTING FROM COGNITIVE DETERIORATION
ANNETTE MONIKA VOGL¹; MARISA BROCKMANN¹; SEBASTIAN GIUSTI¹; CLAUDIA VERCELLI²; RAQUEL BECERRA²; GIUSEPINA MACCARONE¹; DANIEL CHOQUET³; CHRIS TURCK¹; VALENTIN STEIN⁴; JAN DEUSSING¹; DAMIAN REFOJ²
1. MAX PLANCK INST PSYCHIATRY, MUNICH, ALEMANHA; 2. INSTITUTO DE DE BIOMEDICINA DE BUENOS AIRES – CONICET – PARTNER INSTITUTE OF THE MAX PLANCK SOCIETY, BUENOS AIRES, ARGENTINA; 3. INTERDISCIPLINARY INSTITUTE FOR NEUROSCIENCE, BORDEAUX, FRANÇA; 4. INSTITUTE OF PHYSIOLOGY, UNIVERSITY OF BONN, BONN, ALEMANHA.

PO422 - NEUROGENESIS IN THE POSTNATAL BRAIN: THE ROLE OF ADENOSINE A2A RECEPTORS IN THE DENTATE GYRUS
FILIPA FERREIRA RIBEIRO; FILIPA FERREIRA; ANA MARIA SEBASTIÃO; SARA XAPELLI
INSTITUTO DE FARMACOLOGIA E NEUROCIÊNCIAS, FACULDADE DE MEDICINA AND NEUROSCIENCES UNIT, INSTITUTO DE MEDICINA MOLECULAR, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL.

09/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION II - EXCITABILITY, SYNAPTIC TRANSMISSION, NETWORK FUNCTION

PO423 - BRAIN ENDOCANNABINOIDS MEDIATE LUNG INFLAMMATION DURING SEPTIC SHOCK
CARLOS FELEDER; VINCENZO RUSSO; JIANYA PENG; HUNTER MCDONALD; PAUL NEWMANN; NANCY GERTZBERGER; ARNOLD JOHNSON
ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES, ALBANY, ESTADOS UNIDOS.

PO424 - SYNAPTIC METAPLASTICITY IN THE VISUAL CORTEX: INTERACTION BETWEEN REACTIVE OXYGEN SPECIES AND VISUAL EXPERIENCE.
ROBERTO DE PASQUALE
USP, SAO PAULO, SP, BRASIL.

PO425 - GPR158: AN ORPHAN GPCR REGULATING RGS7 CATALYTIC ACTIVITY, EXPRESSION AND LOCALIZATION IN THE BRAIN
CESARE ORLANDI¹; KEQIANG XIE¹; IKUO MASUHO¹; RAFAEL LUJAN²; KIRILL MARTEMYANOV¹
1. THE SCRIPPS RESEARCH INSTITUTE, JUPITER, ESTADOS UNIDOS; 2. UNIVERSIDAD DE CASTILLA-LA MANCHA, ALBACETE, ESPANHA.

PO426 - PROTOCOLS DEVELOPMENT TO STUDY OF PLASTICITY MODULATION SYNAPTIC EXCITATORY LONG-TERM IN HIPPOCAMPAL SLICES
KAREN VENTURA PAIVA; PRISCILLA HELENA D'ALMEIDA DE SOUZA SANTANA; NEWTON GONÇALVES DE CASTRO
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO427 - INVOLVEMENT OF THE ENDOCANNABINOID SIGNALING IN THE BED NUCLEUS OF STRIA TERMINALIS (BNST) IN AUTONOMIC RESPONSES TO ACUTE RESTRAINT STRESS IN RATS.

LUCAS GOMES SOUZA; LEANDRO AUGUSTO OLIVEIRA; RICARDO BENINI; CARLOS CESAR CRESTANI
UNESP, ARARAQUARA, SP, BRASIL.

PO428 - INVOLVEMENT OF CELLULAR PRION PROTEIN AND ITS LIGAND, STRESS-INDUCIBLE PHOSPHOPROTEIN ONE, IN THE ADULT NEURAL STEM/PROGENITOR CELL MAINTENANCE

CAINÃ MAX COUTO DA SILVA¹; RAFAEL PINHEIRO¹; TIAGO GÓSS DOS SANTOS²; MARILENE HOHMUTH LOPES¹
1.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.INTERNATIONAL RESEARCH CENTER A C CAMARGO CANCER CENTER, SÃO PAULO, SP, BRASIL.

PO429 - IMMUNOLOCALISATION AND FUNCTIONAL CHARACTERISATION OF GLYCINE RECEPTORS IN THE MOUSE LOCUS COERULEUS NUCLEUS

LOUISE KELLY; JEROME D SWINNY
UNIVERSITY OF PORTSMOUTH, PORTSMOUTH, REINO UNIDO.

PO430 - INVOLVEMENT OF NITRERGIC SYSTEM IN THE ANTIDEPRESSANT EFFECT OF FERULIC ACID IN RATS

FERNANDA NAVARRO MARIN; LEANDRO JOSE BERTOGLIO; MARCELO MACHADO FERRO
UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO431 - DECREASING EXCITABILITY OF INDIRECT-PATHWAY MEDIUM SPINY NEURONS ACUTELY LEADS TO INCREASED MOTIVATION IN AN ENDOPHENOTYPIC MODEL OF SCHIZOPHRENIA

FERNANDA CARVALHO POYRAZ¹; MATTHEW RICHARD BAILEY¹; EVA BERKMAN HOLZNER²; MARIYA SHEGDA¹; MAXIME CAZORLA³; PETER BALSAM²; CHRISTOPH KELLENDONK¹
1.COLUMBIA UNIVERSITY, NEW YORK, ESTADOS UNIDOS; 2.BARNARD COLLEGE, NEW YORK, ESTADOS UNIDOS; 3.INSTITUT CURIE, PARIS, FRANÇA.

PO432 - CORTICAL GABAERGIC SYNAPTIC TRANSMISSION IN GLUTARIC ACIDEMIA TYPE I

LETICIA MEIER¹; MAYARA PASQUETTI¹; BERNADO JUNGES¹; ALEXANDRE AMARAL¹; MICHAEL WOONTNER²; STEPHEN GOODMAN²; DAVID KOELLER³; MOACIR WAJNER¹; MARIA ELISA CALCAGNOTTO¹
1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSITY OF COLORADO DENVER, AURORA, ESTADOS UNIDOS; 3.OREGON HEALTH & SCIENCE UNIVERSITY, PORTLAND, ESTADOS UNIDOS.

PO433 - DYNAMICS OF A CORTICAL MULTI-LAYERED MODEL WITH CELLS OF DIFFERENT ELECTROPHYSIOLOGICAL CLASSES

RENAN OLIVEIRA SHIMOURA; RODRIGO FELIPE DE OLIVEIRA PENA; ANTONIO CARLOS ROQUE
UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

PO434 - SELF-SUSTAINED ACTIVITY LIFETIME IN A CORTICAL NETWORK MODEL

RODRIGO FELIPE DE OLIVEIRA PENA¹; PETAR TOMOV²; MICHAEL ZAKS²; ANTONIO CARLOS ROQUE¹
1.UNIVERSITY OF SAO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 2.INSTITUTE OF MATHEMATICS, HUMBOLDT UNIVERSITY OF BERLIN, BERLIN, ALEMANHA.

PO435 - EFFECTS OF A SINGLE SILDENAFIL EXPOSURE IN MEMORY ACQUISITION AND HIPPOCAMPAL SYNAPTIC TRANSMISSION.

EMILCE ARTUR DE LA VILLARMOIS¹; LAURA ALEJANDRA GABACH²; GASTON CALFA²; MARIELA FERNANDA PEREZ²
1.UNIVERSIDAD NACIONAL DE CORDOBA, FACULTAD DE CIENCIAS QUIMICAS, CORDOBA, ARGENTINA; 2.UNIVERSIDAD NACIONAL DE CORDOBA, FACULTAD DE CIENCIAS QUIMICAS, IFEC-CONICET, CORDOBA, ARGENTINA.

PO436 - NEURON-GLIA INTERACTION IN NUCLEUS TRACTUS SOLITARIUS IS REDUCED BY SHORT-TERM SUSTAINED HYPOXIA

BENEDITO HONORIO MACHADO; CARLOS EL ALMADO; LENI GH BONAGAMBA; JACI A CASTANIA; DAVI JA MORAES; DANIELA ACCORSI-MENDONÇA

DEPARTMENT OF PHYSIOLOGY, SCHOOL OF MEDICINE OF RIBEIRÃO PRETO, USP, RIBEIRÃO PRETO, SP, BRASIL.

PO437 - INCREASE OF SODIUM MAXIMUM CONDUCTANCE DENSITY DECREASES EXCITABILITY OF COMPUTATIONAL MODELS OF NEWBORN DENTATE GYRUS GRANULE CELLS

JOSIANE DA SILVA FREITAS; ANTONIO CARLOS ROQUE

UNIVERSITY OF SAO PAULO - FFCLRP, RIBEIRÃO PRETO, SP, BRASIL.

PO438 - PROTEIN SYNTHESIS INHIBITION INCREASES NITRIC OXIDE PRODUCTION AND ACTIVATED AKT-DEPENDENT NEURONAL SURVIVAL

LUIS FELIPE HOMEM GLADULICH; MARCELO COSSENZA; RENATO SOCODATO; CAMILA CABRAL PORTUGAL; TELMO MEJÍA-GARCÍA; ROBERTO PAES DE CARVALHO

UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI, RJ, BRASIL.

PO439 - DISTINCT PROPERTIES OF EXCITATORY SYNAPTIC TRANSMISSION FROM PYRAMIDAL CELLS TO FAST SPIKING BASKET AND AXO-AXONIC CELLS IN THE HUMAN AND RAT CEREBRAL CORTEX

GABOR MOLNAR1; MARTON ROZSA1; ZOLTAN NUSSER2; PAL BARZO3; GABOR TAMAS1

1.MTA-SZTE RESEARCH GROUP FOR CORTICAL MICROCIRCUITS, SZEGED, HUNGRIA; 2.INSTITUTE OF EXPERIMENTAL MEDICINE, BUDAPEST, HUNGRIA; 3.DEPARTMENT OF NEUROSURGERY, SZEGED, HUNGRIA.

PO440 - EFFECTS OF OPTOGENETIC CHRONIC STIMULATION OVER HEBBIAN PLASCTICITY ON MICE HIPPOCAMPUS THIAGO MOULIN1; OLAVO B AMARAL1; KATARINA E LEÃO2; RICHARDSON N LEÃO2

1.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO441 - PHYSICAL EXERCISE VERSUS FLUOXETINE: ANTAGONISTIC EFFECTS ON THE CORTICAL SPREADING DEPRESSION IN YOUNG ADULT RATS

ANGELA AMANCIO-DOS-SANTOS; HELOÍSA MIRELLE COSTA MONTEIRO; NATHÁLIA LIMA BARRETO-SILVA; GRACYELLE ELIZABETE SANTOS; AMANDA SANTANA SANTOS; MARIANA SÉFORA BEZERRA SOUSA; DÉBORA CARNEIRO MENDONÇA

UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO442 - INVESTIGATIONS OF THE INFLUENCE OF PATH INTEGRATION IN SPATIAL LEARNING

FABIAN DRAHT1; SIJIE ZHANG1; FABIAN SCHÖNFELD2; LAURENZ WISKOTT2; DENISE MANAHAN-VAUGHAN1

1.DEPARTMENT OF NEUROPHYSIOLOGY, MEDICAL FACULTY, RUHR UNIVERSITY BOCHUM, BOCHUM, ALEMANHA; 2.INSTITUTE FOR NEURAL COMPUTATION, RUHR UNIVERSITY BOCHUM, BOCHUM, ALEMANHA.

PO443 - A2A ADENOSINE RECEPTOR ACTIVATION MODULATES SRC KINASE ACTIVITY IN CAMP MANNER DEPENDENT MARIANA RODRIGUES PEREIRA; PÂMELLA SOUZA SILVA; ELIZA VARDIERO; ROBERTO PAES DE CARVALHO

UFF, NITEROI, RJ, BRASIL.

PO444 - STRUCTURAL DYNAMICS OF A NEURAL NETWORK UNDERGOING ACTIVITY-DEPENDENT PLASTICITY

BEATRIZ EYMI PIMENTEL MIZUSAKI; EDUARDA DEMORI SUSIN; RUBEM ERICHSEN JR; LEONARDO GREGORY BRUNET

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO445 - NEURONAL STRUCTURAL PLASTICITY AND LTP INDUCTION REQUIRE RYANODINE RECEPTOR-MEDIATED Ca^{2+} RELEASE

TATIANA ADASME¹; BARBARA BRUNA¹; ALEJANDRA ARIAS¹; ISMAÉL VALDÉS¹; CAROL SANMARTIN¹; JAMILETH MORE¹; SILVIA NAMIAS¹; ALEXANDER RIQUELME¹; GENARO BARRIENTOS¹; PABLO MUÑOZ²; GINA SÁNCHEZ¹; ANDREA PAULA-LIMA¹; CECILIA HIDALGO¹

1.UNIVERSIDAD DE CHILE, SANTIAGO, CHILE; 2.UNIVERSIDAD DE VALPARAÍSO, SANTIAGO, CHILE.

PO446 - A LONG TERM REDUCTION IN VACHT EXPRESSION LEADS TO MOTOR BEHAVIOR IMPAIRMENT AND ALTERATIONS IN SLOW AND FAST-TWITCH SKELETAL MUSCLES IN MICE

MATHEUS PROENÇA GOMES¹; LUANA P.L SCHETIN¹; JÉSSICA N. ANDRADE¹; CRISTIANE P. BASTOS¹; DIOGO A.S GUIMARÃES¹; PATRÍCIA M. MARTINELLI¹; MARCUS V. GOMEZ²; SILVIA GUATIMOSIM¹; GRACE S. PEREIRA¹; VÂNIA F. PRADO³; MARCO ANTÔNIO M. PRADO³; GREGORIO VALDEZ⁴; CRISTINA GUATIMOSIM¹

1.UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL; 2.IEP- SANTA CASA, BELO HORIZONTE, MG, BRASIL; 3.UNIVERSITY OF WESTERN ONTARIO, LONDON, CANADÁ; 4.VIRGINIA TECH CARILION SCHOOL OF MEDICINE AND RESEARCH INSTITUTE, ROANOKE, ESTADOS UNIDOS.

PO447 - LONG-TERM SPATIAL RECOGNITION INCREASES RYANODINE RECEPTOR EXPRESSION IN YOUNG BUT NOT IN AGED RATS

ALEJANDRA ARIAS¹; TATIANA ADASME¹; PABLO MUÑOZ²; CECILIA HIDALGO¹

1.UNIVERSIDAD DE CHILE, SANTIAGO, CHILE; 2.UNIVERSIDAD DE VALPARAISO, SANTIAGO, CHILE.

PO448 - MRNA EXPRESSION OF GLUTAMATE TRANSPORTERS AND GLIAL CELLS IN THE HIPPOCAMPUS OF YOUNG RATS SUBJECTED TO MATERNAL SEPARATION AND ENVIRONMENTAL ENRICHMENT

PRISCILA MENDES COMASSIO¹; CAROL KOBORI FONSECA¹; SUELEN MERLO¹; ANA BEATRIZ SOUZA NAKAYAMA¹; JOSE INACIO LEMOS²; JORGE EDUARDO MOREIRA¹

1.FACULDADE DE MEDICINA DE RIBEIRAO PRETO - UNIVERSIDADE DE SAO PAULO, RIBEIRAO PRETO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DO PARA, CASTANHAL, PA, BRASIL.

PO449 - POTENTIAL ANTICHOLINESTERASE ACTIVITY OF EDIBLE PLANTS USED IN TRADITIONAL MEDICINE

CAMILA FABIANI; JORGE WENZ; SILVIA ANTOLLINI

INIBIBB-UNS/CONICET, BAHIA BLANCA, ARGENTINA.

PO450 - LACTATE MODULATES PLASTICITY-RELATED GENE EXPRESSION VIA A NMDA RECEPTOR-DEPENDENT MECHANISM

HUBERT FIUMELLI¹; IGOR ALLAMAN²; EVELYNE RUCHTI²; PASCAL JOURDAIN²; JIANGYAN YANG²; GABRIELE GRENNINGLOH²; JEAN-MARIE PETIT²; PIERRE J M¹

1.BIOLOGICAL AND ENVIRONMENTAL SCIENCES & ENGINEERING DIVISION, KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (KAUST), THUWAL, ARÁBIA SAUDITA; 2.LABORATORY OF NEUROENERGETICS AND CELLULAR DYNAMICS, BRAIN MIND INSTITUTE, ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL), LAUSANNE, SUÍÇA.

PO451 - UPTAKE AND TRAFFICKING OF EXOGENOUS S100B IN CULTURED RAT ASTROCYTES

FABIANA BARRERA GALLAND¹; MATJAZ STENOVEC²; NINA VARDJAN²; MARINA LEITE¹; ROBERT ZOREC²

1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSITY OF LJUBLJANA, LJUBLJANA, ESLOVÊNIA.

PO452 - REPERTOIRES OF SPIKE AVALANCHES IN THE RAT BRAIN

MAURO COPELLI¹; TIAGO RIBEIRO²; SIDARTA RIBEIRO³

1.UFPE, RECIFE, PE, BRASIL; 2.NIH, BETHESDA, ESTADOS UNIDOS; 3.UFRN, NATAL, RN, BRASIL.

PO453 - ENDOCANNABINOIDS PROTECTION AGAINST ISCHEMIC DAMAGE TO THE RETINA
DANIEL SOUZA MONTEIRO DE ARAÚJO; PABLO PANDOLFO; KARIN DA COSTA CALAZA
UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL.

PO454 - RHYTHMIC PERSISTENT FIRING OF NEUROGLIAFORM INTERNEURONS IN HUMAN NEOCORTICAL SLICES
MÁRTON RÓZSA¹; PÁL BARZÓ²; GÁBOR TAMÁS¹
1.MTA-SZTE RESEARCH GROUP FOR CORTICAL MICROCIRCUITS, UNIVERSITY OF SZEGED, SZEGED, HUNGRIA;
2.DEPARTMENT OF NEUROSURGERY, UNIVERSITY OF SZEGED, SZEGED, HUNGRIA.

PO455 - CONTRALATERAL CORTICAL SILENT PERIOD IS NOT ALTERED IN RESTLESS LEGS SYNDROME / WILLIS-EKBOM DISEASE
SAMIR CAMARA MAGALHAES¹; GILMAR FERNANDES DO PRADO²; EDSON AMARO JR.¹; ALAN LUIZ ECKELI³; ADRIANA BASTOS CONFORTO¹
1.HOSPITAL ISRAELITA ALBERT EINSTEIN, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE SAO PAULO - UNIFESP - NEUROSSONO, SÃO PAULO, SP, BRASIL; 3.HOSPITAL DAS CLINICAS DA FACULDADE DE MEDICINA DA USP RIBEIRÃO PRETO, SÃO PAULO, SP, BRASIL.

PO456 - NEUROMETABOLIC COUPLING: FROM GLUTAMATE NEUROTRANSMISSION TO GLUCOSE, LACTATE AND AND GLUCOSE UTILIZATION. ENZYME-MODIFIED MICROELECTRODES FOR MONITORING NEUROCHEMICALS IN VIVO
ANA LEDO¹; CATIA F LOURENÇO¹; GREG A GERHARDT²; JOÃO LARANJINHA³; RUI M BARBOSA³
1.CENTER FOR NEUROSCIENCE AND CELL BIOLOGY, COIMBRA, PORTUGAL; 2.DEPARTMENT OF ANATOMY AND NEUROBIOLOGY, CENTER FOR MICROELECTRODE TECHNOLOGY, UNIVERSITY OF KENTUCKY, LEXINGTON, ESTADOS UNIDOS; 3.1CENTER FOR NEUROSCIENCE AND CELL BIOLOGY AND FACULTY OF PHARMACY, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL.

PO457 - SUPRAPHYSIOLOGICAL WHISKER STIMULATION INITIATES AN INFLAMMATORY RESPONSE IN THE MOUSE BARREL CORTEX IN VIVO
HULYA KARATAS KARATAS KURSUN¹; BUKET DONMEZ-DEMIR¹; TURGAY DALKARA²
1.HACETTEPE UNIVERSITY INSTITUTE OF NEUROLOGICAL SCIENCES AND PSYCHIATRY, ANKARA, TURQUIA;
2.HACETTEPE UNIVERSITY INSTITUTE OF NEUROLOGICAL SCIENCES AND PSYCHIATRY, FACULTY OF MEDICINE, DEPARTMENT OF NEUROLOGY, ANKARA, TURQUIA.

PO458 - PERIODIC STIMULATION OF A CONDUCTANCE-BASED MODEL IN A RANDOM INTEGRATE AND FIRE NEURAL NETWORK: LONG TERM BEHAVIOR ANALYSIS
EDUARDA DEMORI SUSIN¹; RUBEM ERICHSEN JR.¹; EVERTON JOÃO AGNES²; BEATRIZ EYMI MIZUSAKI¹; LEONARDO GREGORY BRUNET¹
1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSIDADE FEDERAL DO PAMPA, CAÇAPAVA DO SUL, RS, BRASIL.

PO459 - INFLUENCE OF HYPOTHALAMIC MAGNOCELLULAR VASOPRESSIN SYSTEM ON HIPPOCAMPAL RHYTHMS AND SUBFIELD OSCILLATORY COUPLING
MARIANA MARQUEZ; HERNAN BARRIO-ZHANG; VITO S HERNÁNDEZ; LIMEI ZHANG
FACULTAD DE MEDICINA, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO, MÉXICO.

PO460 - PREFERENTIAL INHIBITION OF TONICALLY OVER PHASICALLY ACTIVATED NMDA RECEPTORS BY PREGNANE DERIVATIVES
VOJTECH VYKLYCKY¹; TEREZA SMEJKALOVA¹; BARBORA KRAUSOVA¹; KAREL VALES¹; JIRI CERNY¹; MICHAELA NEKARDOVA²; HANA CHODOUNSKA²; EVA STASTNA²; ALES BALIK¹; MARTIN HORAK¹; LADISLAV VYKLYCKY¹



1. INSTITUTE OF PHYSIOLOGY CAS, PRAGUE, REPÚBLICA CHECA; 2. INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY AS CR, PRAGUE, REPÚBLICA CHECA.

PO461 - SYSTEMIC ADMINISTRATION OF DIAZEPAM DECREASES DOPAMINE RELEASE IN THE NUCLEUS ACCUMBENS EVOKED BY ELECTRIC STIMULATION OF THE MOUSE VENTRAL TEGMENTAL AREA

ALEXANDER GOMEZ-A1; SAMUEL G. DOS SANTOS2; AMANDA MAINO FIORENZA2; LAURA NITOLA2; DONITA L. ROBINSON1; CHARLES D. BLAHA3; CLAUDIO DA CUNHA2

1. UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, ESTADOS UNIDOS; 2. UNIVERSIDADE FEDERAL DE PARANÁ, CURITIBA, PR, BRASIL; 3. THE UNIVERSITY OF MEMPHIS, MEMPHIS, ESTADOS UNIDOS.

PO462 - MODELING THE INTRINSIC MECHANISM OF IRREGULAR FIRING IN STRIATAL CHOLINERGIC INTERNEURONS YORIKO YAMAMURA; AYA ZUCCA; JEFF WICKENS

OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY, OKINAWA, JAPÃO.

09/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION II - DISORDERS OF THE NERVOUS SYSTEM

PO463 - ANTROQUINONOL LOWERS BRAIN AMYLOID-B LEVELS AND IMPROVES SPATIAL LEARNING AND MEMORY IN A TRANSGENIC MOUSE MODEL OF ALZHEIMER S DISEASE

IRENE H CHENG1; WEN-HAN CHANG1; MILES C CHEN2

1. NATIONAL YANGMING UNIVERSITY, TAIPEI, TAIWAN; 2. GOLDEN BIOTECHNOLOGY CORPORATION, TAIPEI, TAIWAN.

PO464 - THE IMPACT OF BODY DISSATISFACTION ON PAIN PERCEPTION IN PATIENTS WITH ANOREXIA AND BULIMIA NERVOSA

HANA PAPEZOVA1; ANNA YAMAMOTOVA2

1. CHARLES UNIVERSITY IN PRAGUE, DEPARTMENT OF PSYCHIATRY, FIRST FACULTY OF MEDICINE, PRAGUE, REPÚBLICA CHECA; 2. DEPARTMENT OF NORMAL, PATHOLOGICAL AND CLINICAL PHYSIOLOGY, THIRD FACULTY OF MEDICINE, PRAGUE, REPÚBLICA CHECA.

PO465 - PITUITARY ADENYLATE CYCLASE ACTIVATING POLYPEPTIDE (PACAP) EXHIBITS PROTECTIVE EFFECTS AGAINST ROTENONE-INDUCED NEUROTOXICITY IN MOLLUSKS THROUGH VOLTAGE ACTIVATED K+-CHANNELS

TIBOR KISS1; ZITA LASZLO1; DORA REGLODI2; ZSOLT PIRGER3

1. CHEMICAL ECOLOGY AND NEUROBIOLOGY RESEARCH GROUP, DEPARTMENT OF EXPERIMENTAL ZOOLOGY, BALATON LIMNOLOGICAL INSTITUTE, MTA CENTRE FOR ECOLOGICAL RESEARCH, Tihany, HUNGRIA; 2. PTE-MTA "MOMENTUM" PACAP RESEARCH TEAM, UNIVERSITY OF PECS, PÉCS, HUNGRIA; 3. ADAPTIVE NEUROETOLOGY, MTA-CER NATIONAL BRAIN PROJECT TEAM, DEPARTMENT OF EXPERIMENTAL ZOOLOGY, BALATON LIMNOLOGICAL INSTITUTE, MTA CENTRE FOR ECOLOGICAL RESEARCH, Tihany, HUNGRIA.

PO466 - SULFITE DISTURBS GLUTAMATERGIC NEUROTRANSMISSION AND IMPAIRS ENZYMATIC ANTIOXIDANT DEFENSES IN VITRO IN RAT CEREBRAL CORTEX

BELISA DOS SANTOS PARMEGGIANI; ALANA PIMENTEL MOURA; MATEUS GRINGS; ANNA PAULA BUMBEL; LEONARDO DE MOURA ALVORCEM; JULIA TAUANA PLETSCH; CAROLINA FERNANDES GONÇALVES; ÂNGELA TEREZINHA WYSE; MOACIR WAJNER; GUILHIAN LEIPNITZ
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO467 - SULFITE INTRASTRIATAL ADMINISTRATION COMPROMISES BIOENERGETICS AND ALTERS ANTIOXIDANT DEFENSES IN STRIATUM OF YOUNG RATS

MATEUS GRINGS; ALANA PIMENTEL MOURA; BELISA PARMEGGIANI; RAFAEL MELLO BOLDRINI; MARCELA MOREIRA MOTTA; JULIA TAUANA PLETSCH; GABRIELA MIRANDA CARDOSO; ÂNGELA TEREZINHA WYSE; MOACIR WAJNER; GUILHIAN LEIPNITZ
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO468 - GLYCINE ADMINISTRATION DISRUPTS REDOX HOMEOSTASIS IN NEONATAL RAT BRAIN: A POTENTIAL PATHOMECHANISM FOR THE NEUROPATHOLOGY OF NONKETOTIC HYPERGLYCINEMIA

ALANA PIMENTEL MOURA; MATEUS GRINGS; BELISA PARMEGGIANI; LEONARDO DE MOURA ALVORCEM; RAFAEL BOLDRINI; MARCELA MOTTA; JULIA PLETSCH; GABRIELA CARDOSO; MOACIR WAJNER; GUILHIAN LEIPNITZ
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO469 - CHANGES IN RGS2 FOLLOWING DOPAMINE DEAFFERENTATION AND DOPAMINE AGONISM IN THE RAT
MANUEL A GUTIERREZ-HERNANDEZ¹; TANYA NEIRA-PEÑA²; DIEGO BUSTAMANTE³; PAOLA MORALES¹; BRUCE K CASSELS⁴; MARIO HERRERA-MARSCHITZ¹

1. MILLENNIUM INSTITUTE BNI, CHILE, MOLECULAR AND CLINICAL PHARMACOLOGY, ICBM, MEDICAL FACULTY, UNIVERSITY OF CHILE, SANTIAGO, CHILE; 2. FACULTY OF SPORTS, HEALTH AND RECREATION, UNIVERSITY OF BERNARDO O'HIGGINS, SANTIAGO, CHILE; 3. MOLECULAR AND CLINICAL PHARMACOLOGY, ICBM, MEDICAL FACULTY, UNIVERSITY OF CHILE, SANTIAGO, CHILE; 4. DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCES, UNIVERSITY OF CHILE, SANTIAGO, CHILE.

PO470 - CHANGES IN NMDA RECEPTOR SUBUNITS EXPRESSION AFTER SPATIAL LEARNING IN A TRANSGENIC RAT MODEL OF ALZHEIMER DISEASE

ALEJANDRA INES AGUIRRE¹; MAGALI CECILIA CERCATO¹; EDGAR KORNISIUK¹; CECILIA VAZQUEZ¹; MARIA VERONICA BAEZ¹; NATALIA COLETTIS¹; CLAUDIO CUELLO²; DIANA ALICIA JERUSALINSKY¹
1. INSTITUTO DE BIOLOGIA CELULAR Y NEUROCIENCIA (IBCN), BUENOS AIRES, ARGENTINA; 2. MCGILL UNIVERSITY, MONTREAL, CANADÁ.

PO471 - CHRONIC EVALUATION OF THE ANTIDEPRESSANT EFFECT OF (OCTYLSELENO)-XYLOFURANOSIDE IN MICE
MARIANA GALLIO FRONZA¹; LUCIMAR MARQUES PINTO BROD¹; JAQUELINE P VARGAS²; DIOGO LUDTKE²; LUCIELLI SAVEGNAG¹

1. UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS, RS, BRASIL; 2. UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO472 - EVALUATION OF SEROTONINERGIC SYSTEM IN THE ANTIDEPRESSANT-LIKE ACTIVITY OF (OCTYLSELENO)-XYLOFURANOSIDE IN MICE

LUCIMAR MARQUES PINTO BROD¹; MARIANA GALLIO FRONZA¹; MAURICE SOUZA¹; JAQUELINE PINTO VARGAS²; DIOGO SEIBERT LÜDTKE²; LUCIELLI SAVEGNAG¹
1. UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS, RS, BRASIL; 2. UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO473 - D-GALACTOSE ADMINISTRATION BY ORAL ROUTE INDUCES COGNITIVE IMPAIRMENT AND OXIDATIVE DAMAGE

MICHELLE LIMA GARCEZ¹; ROBSON PACHECO¹; SABRINA DA SILVA¹; FRANCIELLE MINA¹; JESIEL DE MEDEIROS¹; AMANDA VALNIER STECKERT¹; TATIANE BELLETTINI DOS SANTOS¹; SHARON MARTINS FREITAS¹; JOÃO QUEVEDO²; JOSIANE BUDNI¹
1. UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL; 2. THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON, HOUSTON, ESTADOS UNIDOS.

P0474 - EFFECTS OF ANAESTHESIA ON REGIONAL CEREBRAL BLOOD FLOW IN THE BASAL GANGLIA NUCLEI IN A RAT MODEL OF L-DOPA-INDUCED DYSKINESIA

ZISIS BIMPISIDIS¹; CORNELIA LUNDBLAD²; CARL ÖBERG³; MARIA ANGELA CENCI¹

1.BASAL GANGLIA PATHOPHYSIOLOGY UNIT, DEPARTMENT OF EXPERIMENTAL MEDICAL SCIENCE, LUND UNIVERSITY, LUND, SUÉCIA; 2.ANESTHESIOLOGY AND INTENSIVE CARE, DEPARTMENT OF CLINICAL MEDICAL SCIENCE, LUND UNIVERSITY, LUND, SUÉCIA; 3.DEPARTMENT OF NEPHROLOGY, UNIVERSITY HOSPITAL OF LUND, LUND, SUÉCIA.

P0475 - SCHISTOSOMA MANSONI INFECTION INDUCES MOLECULAR MARKERS OF IDIOPATHIC NEURODEGENERATIVE DISEASES IN MICE BRAIN CORTEX

DANIEL PENS GELAIN¹; JUCIANO GASPAROTTO¹; RAFAEL CALIXTO BORTOLIN¹; CAROLINA SAIBRO GIRARDI¹; JOSÉ CLAUDIO FONSECA MOREIRA¹; MÁRIO ROBERTO SENGGER²; GIULIANA V SCHIRATO²; JOÃO M REZENDE-NETO²; RAFAEL F DANTAS²; FELIPE DAL-PIZZOL³; FLORIANO PAES SILVA-JR²

1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL; 3.UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.

P0476 - LOSS OF NEURONS IN THE GANGLION CELL LAYER IN A MODEL OF SYSTEMIC PRENATAL HYPOXIA ISCHEMIA IN RATS

GUSTAVO DINIZ TAVEIRA; MARTA CRISTINA CUNHA-RODRIGUES; OLGA MARIA ALMEIDA; PENHA CRISTINA BARRADAS; FRANK TENÓRIO

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0477 - EVOLUTIONARILY CONSERVED NEUROPROTECTIVE FUNCTION OF PITUITARY ADENYLATE CYCLASE-ACTIVATING POLYPEPTIDE (PACAP) IN DOPAMINE-BASED NEURODEGENERATION

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P0478 - THE NEUROTOXICITY OF JACK BEAN UREASE (JBU) ON THE RAT CENTRAL NERVOUS SYSTEM

ANGELA REGINA PIOVESAN¹; CHARISTON ANDRÉ DAL BELO²; RICARDO VAZ BRED¹; MICHELLE FLORES DOMINGUES³; GERALDINE BASLER³; DENIS REIS DE ASSIS³; SIMONE DENISE SALAMONI³; PAULO MARCOS PINTO²; LOUISE WILSON²; VITYA ANDRANIK VARDANYAN⁴; JADERSON COSTA DA COSTA³; TREVOR J. BUSHELL⁵; CÉLIA REGINA CARLINI³

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P0479 - NEW NEUROACTIVES COMPOUNDS AND ITS EFFECTS IN VOLTAGE-GATE SODIUM CHANNEL

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1.IQUIFIB-CONICET-UBA, CIUDAD AUTONOMA DE BUENOS AIRES, ARGENTINA; 2.IIFP-CONICET-UNLP, LA PLATA, ARGENTINA; 3.IMBICE-CONICET-CIC, LA PLATA, ARGENTINA.

P0480 - ADMINISTRATION OF L-GLUTAMINE, AND CORTICAL SPREADING DEPRESSION PROPAGATION IN DEVELOPING RATS: A DOSE-RESPONSE STUDY



LARISSA DE BRITO MEDEIROS; REGINA DE DEUS LIRA BENEVIDES; ELIAN DA SILVA FRANCISCO; DENISE SANDRELLY CAVALCANTI DE LIMA; RUBEM CARLOS ARAÚJO GUEDES
UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO481 - INFLUENCE OF SINGLE OR REPEATED CANNABIDIOL TREATMENT ON EMOTIONAL BEHAVIOR AND MARKERS OF CELL PROLIFERATION AND NEUROGENESIS IN MICE.

JÉSSICA MENDES BONATO¹; ANGÉLICA PUPIN SCHIAVON¹; HUMBERTO MILANI¹; FRANCISCO SILVEIRA GUIMARÃES²; RÚBIA MARIA MONTEIRO WEFORT DE OLIVEIRA¹

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PO482 - MUSCLE ATROPHY IS ASSOCIATED TO NEURONAL LOSS AT THE SPINAL CORD IN A MURINE MODEL FOR HUNTINGTON'S DISEASE

PRISCILA APARECIDA COSTA VALADÃO; BÁRBARA CAMPOS ARAGÃO; FERNANDA DE ABREU EVANGELISTA COSTA; MATHEUS PROENÇA SIMÃO MAGALHÃES GOMES; CARLA VERIANO; FABIOLA MARA RIBEIRO; CRISTINA GUATIMOSIM UFMG, BELO HORIZONTE, MG, BRASIL.

PO483 - OPTICAL ANALYSIS OF NEUROMUSCULAR JUNCTIONS OF DIAPHRAGM MUSCLE FROM A TRANSGENIC MICE MODEL FOR HUNTINGTON'S DISEASE

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PO484 - CHARACTERIZATION OF THE ROLE OF N-TYPE CALCIUM CHANNELS IN HUNTINGTON'S DISEASE

LUCIENE BRUNO VIEIRA; FLAVIA RODRIGUES SILVA; REBECA DE MELO SANTOS; EDLEUZA MARQUES BATISTA; FABIOLA MARA RIBEIRO

UFMG, BELO HORIZONTE, MG, BRASIL.

PO485 - HERPES SIMPLEX VIRUS 1 INDUCED NEURODEGENERATIVE MARKERS IN NEURONS AND IN IN BRAIN

ANNA TERESA TERESA PALAMARA¹; MARIA ELENA MARCOCCI²; LIVIA CIVITELLI³; IGNACIO CELESTINO²; DOLORES LIMONGI⁴; MARCO FABIANI²; ROBERTO PIACENTINI⁵; CLAUDIO GRASSI⁵; GIOVANNA DE CHIARA⁶

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PO486 - THE ORTHOTOPIC XENOTRANSPLANT OF HUMAN GLIOBLASTOMA SUCCESSFULLY RECAPITULATES GLIOBLASTOMA-MICROENVIRONMENT INTERACTIONS IN A NON-IMMUNOSUPPRESSED MOUSE MODEL

CELINA GARCIA FONSECA; LUIZ GUSTAVO DUBOIS; ANNA LENICE XAVIER; LUIZ HENRIQUE GERALDO; ANNA CAROLINA CARVALHO; CRISTINA COSTA ARAUJO; ANA HELENA CORREIA; FERNANDA FERREIRA MEIRELLES; GRASIELLA MATYOSZEK VENTURA; LUCIANA FERREIRA ROMAO; NATHALIE HENRIQUES CANEDO; JORGE MARCONDES SOUZA; JOAO RICARDO MENEZES; VIVALDO MOURA NETO; FERNANDA TOVAR MOLL; FLAVIA REGINA LIMA
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PO487 - STUDY OF VITAMIN D SUPPLEMENTATION EFFECT ON 8-OXOGUANINE GLYCOSYLASE(OGG1) AND INOSINE TRIPHOSPHATASE(ITPA) GENES EXPRESSION IN MULTIPLE SCLEROSIS PATIENTS

ROYA AMIRINEJAD¹; AMIRHOSSEIN AHMADI²; ZEINAB SHIRVANI²; BAHAR NAGHAVI GARGERE²; MOHAMADALI SAHRAEIAN³; BAHRAM MOHAMADSOLTANI²; MEHRDAD BEHMANESH²

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PO488 - ISCHEMIA-INDUCED ACTIVATION OF STRESS RESPONSE PATHWAYS IS IMPAIRED IN BRAINS OF AGED MICE
WULF PASCHEN; SHUAI LIU; WEI YANG; HUAXIN SHENG

DUKE UNIVERSITY MEDICAL CENTER, DURHAM, ESTADOS UNIDOS.

PO489 - CANNABIDIOL ATTENUATES AGGRESSION-RELATED BEHAVIORS INDUCED BY SOCIAL ISOLATION IN MICE
ALICE HARTMANN DOS SANTOS; SABRINA DE SOUZA LISBOA; FELIPE VILLELA GOMES; FRANCISCO SILVEIRA GUIMARÃES

MEDICAL SCHOOL OF RIBEIRÃO PRETO - UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

PO490 - KALLIKREIN 6: ANOTHER HIPPOCAMPAL PROTEASE INVOLVED IN TEMPORAL LOBE EPILEPSY (TLE)
PRISCILA SIMÕES; ELZA MARCIA T YACUBIAN; RICARDO CENTENO; HENRIQUE CARRETE JR; MAURO CANZIAN; MARIA DA GRAÇA NAFFAH-MAZZACORATTI

UNIFESP, SÃO PAULO, SP, BRASIL.

PO491 - BRAIN SENSITIZATION INDUCED BY CHRONIC ALCOHOL INTAKE ASSOCIATED OR NOT WITH PHYSICAL EXERCISE

RAFAEL CONTE; FRANCISCO LOURENÇO RIBEIRO; MARIA EDUARDA TESSITORE; CAMILA APARECIDA DE OLIVEIRA; SÉRGIO GOMES DA SILVA; ISABEL CRISTINA CÉSPEDES

UNIFESP, SANTOS, SP, BRASIL.

PO492 - NEUROPROTECTIVE PROPERTIES OF THE STANDARDIZED EXTRACT FROM CAMELLIA SINENSIS (GREEN TEA) AND ITS MAIN BIOACTIVE COMPONENTS, EPIGALLOCATECHIN GALLATE AND EPICATECHIN, IN THE 6-OHDA MODEL OF PARKINSON

NATALIA BITU PINTO¹; GLAUCE SOCORRO BARROS VIANA²; LUIZA KALYNE ALMEIDA MOREIRA LEAL²; KELLY ROSE TANCREDO NEVES²; DIEGO UCHOA VIANA¹; JAINE DANTAS PEIXOTO¹; GABRIEL DOS SANTOS CABRAL ALENCAR¹; BRUNO SILVA ALEXANDRE¹; DANIEL LUNA LUCETTI¹; ELAINE CRISTINA PEREIRA LUCETTI³; ANA LUIZA DE AGUIAR ROCHA MARTIN³

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PO493 - NEONATAL SOCIAL ISOLATION PRODUCES FURTHER INCREASES IN FOS-LIKE IMMUNOREACTIVITY OF DORSOLATERAL PERIAQUEDUCTAL GRAY OF ADULTS RATS EXPOSED TO A CAT.

CLÁUDIA JANAINA TORRES MÜLLER; RANNA BATISTA WANZELER; JEYCE WILLIG QUINTINO-DOS-SANTOS; FAGNA GIACOMIN SCHIMITEL; LUIZ CARLOS SCHENBERG

UFES, VITÓRIA, ES, BRASIL.

PO494 - INHIBITION OF VITAMIN C UPTAKE SYSTEM IN GLIOMAS: A NEW MECHANISM FOR SULFASALAZINE
DEBORAH CHRISTINNE LIMA E SILVA¹; CAMILA PORTUGAL¹; CARLOS GUSTAVO GARCIA¹; ROBERTO PAES DE CARVALHO¹; FERNANDO ASSUNÇÃO²; VIVALDO MOURA NETO²; MARCELO COSSENZA¹

1.UFF, NITERÓI, RJ, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO495 - ENCEPHALOPATHY ASSOCIATED SEPSIS: VITAMIN B6 IN THE RELEASE OF CYTOKINES AND DISRUPTION OF THE BLOOD BRAIN BARRIER

LUCINÉIA GAISNKI DANIELSKI; DRIELLY FLORENTINO; ANDRIELE VIEIRA; MARYANE M MODOLON; DIEGO ZAPELINI NASCIMENTO; FABRICIA PETRONILHO

UNIVERSIDADE DO SUL DE SANTA CATARINA, TUBARAO, SC, BRASIL.

PO496 - ANALYSIS OF APOPTOSIS-ASSOCIATED PROTEIN LEVELS IN THE STRIATUM OF C57BL/6 MICE TREATED WITH 1-METHYL-4-PHENYL-1,2,3,6-TETRAHYDROPYRIDINE

QIANG GU; SUMIT SARKAR; MERLE GALE PAULE; BRYAN RAYMICK

DIVISION OF NEUROTOXICOLOGY, NATIONAL CENTER FOR TOXICOLOGICAL RESEARCH, U.S. FOOD AND DRUG ADMINISTRATION, JEFFERSON, ESTADOS UNIDOS.

PO497 - ALPHA LIPOIC ACID PROTECTS BRAIN STRUCTURES IN SEPTIC RATS

MARIANA PEREIRA DE SOUZA GOLDIM; LUCINEIA GAINSKI DANIELSKI; MARYANE MODOLON MARTINS; DRIELLY FLORENTINO; DIEGO ZAPELINI NASCIMENTO; ANDRIELE APARECIDA VIEIRA; FABRICIA P

UNISUL, TUBARÃO, SC, BRASIL.

PO498 - THE BLOCKAGE OF CRF TYPE 2 RECEPTORS OF THE VENTROMEDIAL HYPOTHALAMUS EXERTS PANICOLYTIC-LIKE EFFECTS IN THE ELEVATED T-MAZE

MARIANA SANTOS CARVALHO DE FARIA SILVA¹; THAISSA MARCONDES¹; ISABEL CRISTINA CESPEDES¹; JACKSON C BITTENCOURT²; MILENA DE BARROS VIANA¹

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PO499 - MOLECULAR STUDIES OF MTOR AND TAU PATHWAYS IN FOCAL CORTICAL DYSPLASIA

MARCELLA GONÇALVES MAZUTTI; FABIO ROSSI TORRES; PATRICIA ALINE RIBEIRO; SIMONI AVANSINI; RODRIGO SECOLIN; BENILTON CARVALHO; MURILO BORGES; FABIO ROGERIO; L. S. QUEIROZ; ANA CAROLINA COAN; H. TEDESCHI; E. P. L. OLIVEIRA; FERNANDO CENDES; ISCIA LOPES CENDES

UNIVERSITY OF CAMPINAS – UNICAMP, CAMPINAS, SP, BRASIL.

PO500 - CORTICAL ISCHEMIA IN CHRONIC ETHANOL EXPOSURE: PRE-CLINICAL STUDY OF COMORBIDITY AND MINOCYCLINE RESPONSE

ENÉAS DE ANDRADE FONTES-JÚNIOR¹; LUANNA MELO PEREIRA FERNANDES¹; WALACE GOMES-LEAL¹; ALLAN COSTA-MALAQUIAS¹; RAFAEL RODRIGUES LIMA¹; RUI DANIEL PREDIGER²; CRISTIANE DO SOCORRO FERRAZ MAIA¹; MARÍA ELENA CRESPO-LÓPEZ¹

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PO501 - ACETYLCHOLINESTERASE INHIBITION AND ANTI-AMNESIC EFFECT OF NEW DUAL COMPOUNDS CANDIDATES FOR ALZHEIMER'S DISEASE TREATMENT

ISIS NEM DE OLIVEIRA SOUZA¹; THAISSA DA SILVA PEREIRA¹; MARINA DA SILVA BONI¹; FERNANDA MOTTA RIBEIRO DA SILVA¹; CLAUDIO VIEGAS JR²; NEWTON GONÇALVES DE CASTRO¹; GILDA NEVES¹

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PO502 - ABERRANT NETWORK DYNAMICS IN A MOUSE MODEL OF ALZHEIMER DISEASE REVEALED BY TWO PHOTON CALCIUM IMAGING IN VIVO.

EDUARDO CÉSAR ROSALES JUBAL¹; MIRIAM SCHWALM¹; ZEKE BARGER²; AMANDA TOSE²; FLORIAN SCHUCK³; KRISTINA ENDRES³; ALBRECHT STROH¹



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PO503 - SCHIZOPHRENIA-RELATED BEHAVIORAL CHANGES INDUCED BY TYPE 1 CANNABINOID RECEPTOR ACTIVATION DURING BRAIN DEVELOPMENT IN MICE

PATRICIA FELIX ROLO GONÇALVES; MICHELE VASCONCELOS MACENA; FERNANDA MOTTA RIBEIRO DA SILVA; GILDA NEVES

FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO504 - PERIPHERAL LEVELS OF TNF- α ARE ASSOCIATED WITH A GENETIC VARIATION IN ADENOSINE A2A RECEPTOR GENE (RS2298383) AND MAJOR DEPRESSION IN WOMEN.

MANUELLA PINTO KASTER¹; MARTA GAZAL²; FERNANDA NEUTZLING KAUFMANN²; CAROLINA WIENER²; KAREN JANSEN²; JEAN PIERRE OSES²; LUCIANO DIAS SOUZA²; RICARDO AZEVEDO SILVA²; DAISY CRISPIM MOREIRA³; DIOGO RIZZATO LARA⁴; GABRIELE GHISLENI²

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PO505 - ANTITUMORAL OXIDATIVE STRESS EFFECT FOR HUMAN GLIOBLASTOMA TREATMENT WITH SULFASALAZINE AND VALPROIC ACID

CARLOS GUSTAVO GARCIA¹; DEBORAH CHRISTINE LIMA E SILVA¹; SUZANA ASSAD KAHN²; FERNANDO ASSUNCAO²; LUIZ HENRIQUE M. GERALDO²; MARCOS JOSE FERREIRA¹; ANNIBAL DUARTE PEREIRA NETTO¹; FLAVIA R.S. LIMA²; VIVALDO MOURA NETO²; MARCELO P.A. COSSENZA¹

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PO506 - DECREASED KYNURENIC ACID : QUINOLINIC ACID RATIO IN THE CEREBROSPINAL FLUID SUGGESTS A DELETERIOUS ROLE FOR THE KYNURENINE PATHWAY IN BACTERIAL MENINGITIS

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PO507 - EFFECTS OF TWO PEPTIDE NOCICEPTIN/ORPHANIN FQ RECEPTOR PARTIAL AGONISTS IN ANXIETY AND MOOD-RELATED BEHAVIORS IN MICE

LAILA DA SILVA ASTH FERNANDES¹; CHIARA RUZZA²; IRIS UCELLA MEDEIROS¹; REMO GUERRINI³; GIROLAMO CALO²; ELAINE CRISTINA GAVIOLI¹

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PO508 - THE IMPACT OF CIRCADIAN CLOCK IN THE NEUROBIOLOGY OF ALZHEIMER'S DISEASE, ACTIVE VS INACTIVE PERIOD IN 3XTG-AD.

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PO509 - IN VITRO MODEL FOR THE STUDY OF LIPID BODIES IN THE PRODUCTION OF LIPID MEDIATORS INVOLVED IN DIFFERENT NEURONAL DISORDERS

JULLIANA FERREIRA SANT'ANNA¹; ALINE MARIE FERNANDES¹; BRENDA IOLANDA SILVA DO NASCIMENTO²; MANOELA MARTINS CABRERA²; MARIANA FERREIRA MATTOSO²; VIVIAN SOUSA CORRÊA²; CHRISTIANNE BANDEIRA DE MELO¹; MARCELO EINICKER LAMAS¹

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PO510 - INCREASED OXIDATIVE STRESS IN PREFRONTAL CORTEX CAN BE INVOLVED IN THE INDUCTION OF ANXIETY RELATED TO OROFACIAL CANCER PAIN.

EDER GAMBETA; CAROLINE MACHADO KOPRUSZINSKI; RENATA CRISTIANE DOS REIS; FRANCISLAINE APARECIDA LÍVERO; ALEXANDRA ACCO; JULIANA GEREMIAS CHICHORRO; JANAINA MENEZES ZANOVELI
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PO511 - MICROGLIAL ACTIVATION IS NECESSARY FOR RETINOTECTAL PLASTICITY INDUCED BY UNILATERAL MONOCULAR ENUCLEATION

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PO512 - TRANSPLANTATION OF OLFACTORY ENSHEATHING CELLS AND TUBULIZATION TO IMPROVE SCIATIC NERVE REGENERATION

DANIELLA DE FREITAS PEREIRA ANGELO DURÇO; CAMILA DE OLIVEIRA GOULART; JULIA TEIXEIRA DE OLIVEIRA; LÍTIA CARVALHO; LUCINEIA ALVES; LENY CAVALCANTE; ANA MARIA BLANCO MARTINEZ
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO513 - IMPROVEMENT OF PERFORMANCE ON ATTENTION NETWORK TEST BY CHILDREN WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER.

CARLA QUERO RODRIGUES; DIMITRI MARQUES ABRAMOV; ADAILTON TADEU PONTES; PAULO RICARDO GALHANONE; VLADIMIR LAZAREV; MONIQUE CASTRO PONTES; JULIANA VIEIRA; LEONARDO COSTA AZEVEDO
LABORATORIO DE NEUROBIOLOGIA E NEUROFISIOLOGIA CLINICA, INSTITUTO NACIONAL FERNANDES FIGUEIRA, RIO DE JANEIRO, RJ, BRASIL.

PO514 - DISTRIBUTION OF CLEAVED CASPASE-3 IN THE DEVELOPING RAT CEREBELLUM IN A SYSTEMIC PRENATAL HYPOXIA-ISCHEMIA MODEL

ALAN PEREIRA COSTA; TIAGO MACHADO SAVIGNON; JULIANA VAILANT DE SÁ; LUIZ OTÁVIO FELGUEIRAS; FRANK TENÓRIO; PENHA CRISTINA BARRADAS
UERJ, RIO DE JANEIRO, RJ, BRASIL.

PO515 - CHLOROGENIC ACID REGULATES MICROGLIA ACTIVATION VIA CSK/SRC AND PROTECT RETINAL NERONS FROM GLUTAMATE EXCITOTOXICITY

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PO516 - ANALYSES OF TOTAL GLUTATHIONE LEVELS AND DNA FRAGMENTATION IN HUMAN (A172 AND T98G) AND RAT (C6) GLIOMA CELLS EXPOSED TO TEMOZOLOMIDE AND SULFASALAZINE

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PO517 - EVALUATION OF VIABILITY AND REDOX BALANCE IN HUMAN GLIOBLASTOMA A172 CELLS AFTER EXPOSITION TO RETINOL OR PHYTOL

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PO518 - NEUROPROTECTIVE EFFECTS OF RAPAMYCIN IN A MOUSE MODEL OF EXCITOTOXICITY INDUCED BY INTRASTRIATAL INJECTION OF QUINOLINIC ACID

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PO519 - AUTOPHAGY AND NECROPTOSIS CONTRIBUTE TO ACUTE NMDA EXCITOTOXICITY IN MOUSE CORTICAL CULTURES

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PO520 - MOUSE EXPERIMENTAL MODEL OF PARKINSON'S DISEASE INDUCED BY 6-OHDA PRESENTS TEMPORAL MODULATION OF STRIATAL CHOLINERGIC SYSTEM

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PO521 - ASSOCIATION OF EARLY ENRICHED ENVIRONMENT AND LOCOMOTOR STIMULATION IMPROVE MOTOR ABILITY ACCOMPANIED BY SYNAPTIC PLASTICITY IN RODENT MODEL OF CEREBRAL PALSY

ANDRÉ LUIS FERREIRA DE MEIRELES; FRANCELE VALENTE PIAZZA; MARÍLIA ROSSATO MARQUES; CHRISTIANO DE FIGUEIREDO SPINDLER; ETHIANE SEGABINAZI; OTÁVIO AMÉRICO AUGUSTIN; GABRIELA DOS SANTOS SALVALAGGIO; SIMONE MARCUZZO
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PO522 - THE IMPACT OF PREVIOUS PHYSICAL TRAINING ON REDOX SIGNALING IN RATS WITH TRAUMATIC BRAIN INJURY: BEHAVIORAL AND NEUROCHEMICAL APPROACH

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PO523 - IN SEARCH FOR BIOMARKERS OF ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD) USING POSNER'S ATTENTIONAL NETWORK TEST (ANT): NEW EVIDENCES FROM EVENT RELATED POTENTIALS.

DIMITRI MARQUES ABRAMOV; ADAILTON TADEU PONTES; CARLA QUERO CUNHA; MONIQUE CASTRO PONTES; JULIANA VIEIRA; PAULO RICARDO GALHANONE; LEONARDO C. DEAZEVEDO; VLADIMIR V. LAZAREV



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PO524 - ACTIVATION OF CB1 RECEPTOR IN DORSOMEDIAL HYPOTHALAMUS (DMH) INDUCES ANTI-AVERSIVE EFFECT IN RATS.

JULIANA DOS REIS BASTOS; THÉRCIA GUEDES VIANA; DANIELE CRISTINA DE AGUIAR; FABRÍCIO ARAÚJO MOREIRA UFMG, BELO HORIZONTE, MG, BRASIL.

PO525 - BEHAVIOUR ANALYSIS IN A 6-HYDROXYDOPAMINE INDUCED RAT MODEL

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PO526 - EFFECTS OF UNCONDITIONED AND CONDITIONED FEAR INDUCED BY WILD SNAKES ON NOCICEPTIVE RESPONSES IN NAÏVE MICE VERSUS THOSE WITH CHRONIC SCIATIC NERVE CONSTRICTION INJURY

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PO527 - THE INFLAMMATORY RESPONSE TO A STROKE INDUCED BY ENDOTHELIN-1 IN RATS IS SIMILAR IN BOTH GENDERS

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PO528 - CHRONIC MATERNAL ADMINISTRATION OF ETHANOL INDUCE SPATIAL LEARNING AND MEMORY DEFICITS IN OFFSPRING

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PO529 - PRECIPITATION OF SCHIZOPHRENIA-LIKE PHENOTYPE BY PRENATAL INFLUENCES: ASSESSING THE ROLE OF THE ENDOCANNABINOID SYSTEM

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PO530 - DELAYING CORTICAL TRANSPLANTATION IMPROVES THE ANGIOGENESIS, SURVIVAL AND CONNECTIVITY OF GRAFTS THEREBY FAVORING RECOVERY OF MOTOR FUNCTION

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PO531 - THE MOST AFFECTED COGNITIVE FUNCTIONS DURING THE PROGRESSION OF DEMENTIAS: A CROSS-SECTIONAL STUDY



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P0532 - ROLE OF PERIPHERAL BIOMARKERS IN CASES OF PARKINSON'S DISEASE

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P0533 - INTRANEURONAL ACCUMULATION OF AMYLOID-BETA PROTEIN IS CRITICAL TO GLUTAMATERGIC SYNAPTIC DYSFUNCTION

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P0534 - WIDEFIELD IMAGING OF SEIZURE PROPAGATION THROUGH THE VISUAL CORTEX IN THE AWAKE MOUSE.

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P0535 - REPEATED NECK RESTRAINT STRESS-INDUCED MODIFICATIONS IN DEPRESSIVE- AND ANXIETY-LIKE BEHAVIOR IN MICE

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P0536 - LANOSTEROL: A NEW DRUG ANTI GLIOMA

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P0537 - IMPLICATIONS BEYOND BACE1 TRANSLATIONAL REGULATION: A POSSIBLE BRIDGE BETWEEN MEMORY CONSOLIDATION AND ALZHEIMER'S DISEASE NEURODEGENERATION

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P0538 - DOES JUVENILE BRAIN MECHANISMS CAN RESCUE THE OLD BRAIN AFTER STROKE?

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PO539 - THE ROLE OF LYSOPHOSPHATIDIC ACID IN THE MICROGLIA- GLIOBLASTOMA INTERACTION
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PO540 - THE INTERLEUKIN 6 GENE -174 G/C AND -572 C/G PROMOTER POLYMORPHISMS IN PATIENTS WITH ALZHEIMER'S DISEASE
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PO541 - PHOSPHODIESTERASE TYPE 1 INHIBITION MITIGATES LOCOMOTOR HYPERACTIVITY IN A MICE MODEL OF EARLY LIFE STRESS
 DANIELLE PAES-BRANCO; SÁVIO REDER-DE-SOUSA; MARCELLE CUNHA-CORDEIRO; ALEX CHRISTIAN MANHÃES; Yael ABREU-VILLAZA; CLAUDIO CARNEIRO FILGUEIRAS
 UERJ, RIO DE JANEIRO, RJ, BRASIL.

PO542 - ACUTE AND CHRONIC INTAKE OF ETHANOL IN THE HUMAN EAR AND NEUROCOGNITIVE FUNCTIONING
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PO543 - MODULATION OF NEUROGENESIS BY DOPAMINE IN RAT HIPPOCAMPUS: EFFECT OF PERINATAL ASPHYXIA.
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PO544 - MORPHOLOGICAL AND INFLAMMATORY ALTERATIONS IN COLONIC ENTERIC NERVOUS SYSTEM IN MOUSE MODEL OF PARKINSON'S DISEASE
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PO545 - MODULATION OF ENTERIC NEURON-GLIAL PLASTICITY IN THE MOUSE EXPERIMENTAL MODEL OF PARKINSON'S DISEASE
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P0546 - HIPPOCAMPAL FORMATION AND MEMORY DEFICITS IN PERSONS AT HIGH RISK OF DEVELOPING ALZHEIMER'S DISEASE

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P0547 - NEUROTOXICITY INDUCED BY JACK BEAN UREASE (JBU) ON MAMMALIAN NERVOUS SYSTEM

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P0548 - MOLECULAR CHARACTERIZATION OF NMDA RECEPTOR IN THE RAT LINE SELECTED FOR HIGH AND LOW ANXIETY-LIKE RESPONSE

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P0549 - PERICYTES ON BRAIN AND RETINAL CAPILLARIES DO EXPRESS ALPHA-SMOOTH-MUSCLE ACTIN

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P0550 - EVALUATION CORTICAL THICKNESS OF PATIENTS WITH TEMPORAL LOBE EPILEPSY AND THEIR CORRELATION TO THE COGNITIVE ASPECTS

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P0551 - LATERALIZATION OF SOMATOSENSORY INFORMATION IN CALLOSAL DYSGENESIS

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P0552 - HYPERPHNYLALANINEMIA INDUCES AN INCREASE IN ACETYLCHOLINESTERASE ACTIVITY IN RAT BRAIN

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P0553 - TFAM EXPRESSION IN TEMPORAL LOBE EPILEPSY SURGERY CASES

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P0554 - THE INTERLEUKIN-13 RECEPTORS EXPRESSION LEVELS IN ASTROCYTOMAS AND THEIR ROLE IN CELL MIGRATION

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P0555 - CEREBRAL AND BEHAVIORAL DYSFUNCTION DURING SPATIAL NAVIGATION IN PATIENTS AT THE EARLY STAGE OF ALZHEIMER'S DISEASE.

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P0556 - PHARMACOLOGICALLY-INDUCED GROOMING BEHAVIOR AND FEAR EXTINCTION: A POSSIBLE RELATION WITH OBSESSIVE-COMPULSIVE DISORDER?

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P0557 - N-ACETYLCYSTEINE PREVENTS ALCOHOL CESSATION INDUCED INCREASES ON TNF- α IN RAT BRAIN
JORDAN SILVA; RICARDO SCHNEIDER JR; CAROLINA SANTOS; SOLANGE BANDEIRA; ALANA WITT; DÉBORA GUERINI SOUZA; BRUNA BELLAVER; ANDRÉ QUINCOZES SANTOS; GREICE CALETTI; ELAINE ELISABETSKY; ROSANE GOMEZ
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P0558 - URB597 INHIBITS THE OXIDATIVE STRESS INDUCED BY BINGE ALCOHOL IN THE PREFRONTAL CORTEX OF ADOLESCENT RATS.

CLECIANE WALDETÁRIO MARTINS; RENAN PELIÇÃO; MATHEUS CAVATTI SANTOS; ELISARDO CORRAL VASQUEZ; SILVANA SANTOS MEYRELLES; ESTER MIYUKI NAKAMURA-PALACIOS; LIVIA CARLA DE MELO RODRIGUES
UFES, VITÓRIA, ES, BRASIL.

P0559 - A POTENTIAL ANTITUMORAL EFFECT OF PLANT LECTINS IN C6 RAT GLIOMA CELLS

HELENA EYNG¹; JHÔNATAS LUIS KNAUT¹; ISABELLA APARECIDA HEINRICH¹; ANA PAULA COSTA¹; JOÃO BATISTA CAJAZEIRAS²; KYRIA SANTIAGO DO NASCIMENTO²; BENILDO SOUSA CAVADA²; DÉBORA VENSKE RIEGER¹; RODRIGO BAINY LEAL¹
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P0560 - PROGRESSION OF NEURONAL INJURY FOLLOWING KAOLIN- INDUCED HYDROCEPHALUS IN RATS; LIGHT AND ELECTRON MICROSCOPIC STUDY.



OLUGBENGA AYODEJI AYANNUGA¹; TEMITAYO MATTHEW SHOKUNBI²; THAJASVARIE ANITA NAICKER³
 1.OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE, NIGERIA; 2.UNIVERSITY OF IBADAN, IBADAN, NIGERIA; 3.UNIVERSITY OF KWAZULU NATAL, DURBAN, ÁFRICA DO SUL.

P0561 - ALTERED PYRAMIDAL NEURON MORPHOLOGY AND INCREASED NGF LEVELS FROM SCHISTOSOMA MANSONI INFECTIONS IN RODENTS

DANIEL VALLE VASCONCELOS SANTOS¹; MARCO ANTONIO VASCONCELOS SANTOS¹; MANOEL DA SILVA FILHO²
 1.INSTITUTO EVANDRO CHAGAS, BELÉM, PA, BRASIL; 2.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

P0562 - INTRANASALLY-APPLIED NEUROPEPTIDE S (NPS) IMPACTS ON THE PHYSIOLOGY OF THE VENTRAL HIPPOCAMPUS IN "NORMAL" AND PATHOLOGICALLY ANXIOUS MICE

JULIEN DINE; IRINA A IONESCU; JENS STEPAN; CHARILAOS AVRABOS; YI-CHUN YEN; FLORIAN HOLLSBOER; RAINER LANDGRAF; ULRIKE SCHMIDT; MATTHIAS EDER
 MAX PLANCK INSTITUTE OF PSYCHIATRY, MUNICH, ALEMANHA.

P0563 - EVALUATION OF BIODEGRADABLE POLYMER CONDUITS – POLY (L-LACTIC ACID) – FOR GUIDING SCIATIC NERVE REGENERATION IN MICE

CAMILA OLIVEIRA GOULART¹; FÁTIMA ROSALINA PEREIRA-LOPES¹; SEVERINO VALENTIM DANTAS-JR¹; ALLANA SOUTO¹; JÚLIA TEIXEIRA OLIVEIRA¹; FERNANDA MARTINS DE ALMEIDA²; CHIARA TONDA-TURO³; CRISTINA CARDOSO PEREIRA¹; CRISTIANO PIACSEK BORGES¹; ANA MARIA BLANCO MARTINEZ¹
 1.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.UFRJ-MACAÉ, MACAÉ, RJ, BRASIL; 3.POLITECNICO DI TURINO, TURIN, ITALY.

P0564 - FUNCTIONAL GENOMICS OF TRACHEMYS SCRIPTA TURTLE: A NOVEL SPINAL CORD REGENERATION MODEL. ADRIÁN VALENTÍN¹; CARLOS ROBELLO²; RAÚL RUSSO³; FERNANDO ÁLVAREZ⁴

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P0565 - NEUROPOLYBIN: ISOLATION AND CHARACTERIZATION OF A NEW ANTIEPILEPTIC PEPTIDE FROM THE VENOM OF A SOCIAL WASP

JULIANA SILVA¹; LUCIANNA LOPES COUTO¹; FLAVIA MARIA MEDEIROS GOMES¹; LUCIANO PAULINO SILVA²; MARCIA RENATA MORTARI¹
 1.UNIVERSITY OF BRASILIA, BRASILIA, DF, BRASIL; 2.EMBRAPA, GENETIC RESOURCES AND BIOTECHNOLOGY, BRASILIA, DF, BRASIL.

P0566 - POTENTIAL NEUROPROTECTIVE ACTIVITY OF THE ETHANOLIC EXTRACT OF THE MEDICINAL PLANTS

COMBRETUM LEPROSUM (CL) AND POLYGALA PANICULATA (PL) IN A PRE-CLINICAL MODEL OF GLOBAL ISCHEMIA
 TASSIANE EMANUELLE SERVARE ANDRADE¹; ADAIR ROBERTO SOARES SANTOS²; RITA GOMES WANDERLEY PIRES¹; CRISTINA MARTINS-SILVA¹

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P0567 - COMBINATION OF ENRICHED ENVIRONMENT AND LOCOMOTOR STIMULATION WAS ABLE TO MINIMIZE EFFECTS GENERATED BY A RODENT MODEL OF CEREBRAL PALSY

ANDRÉ LUIS FERREIRA DE MEIRELLES; CHRISTIANO DE FIGUEIREDO SPINDLER; MARÍLIA ROSSATO MARQUES; ETHIANE SEGABINAZI; FRANCELE VALENTE PIAZZA; GABRIELA DOS SANTOS SALVALAGGIO; OTÁVIO AMÉRICO AUGUSTIN; SIMONE MARCUZZO

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0568 - PTEN HAPLOINSUFFICIENCY IMPAIRS MEMORY AND MIGHT MODULATE METABOLISM THROUGH A NEURONAL-DEPENDENT WAY

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P0569 - CONTROL OF GLIOBLASTOMA STEM CELLS BY GABA METABOLISM

LUIZ GUSTAVO GUSTAVO DUBOIS¹; ELIAS A. EL-HABR¹; JOANNA LIPECKA¹; LAURENT TURCHI¹; ALEXANDRA BOGEAS¹; FRANÇOIS-XAVIER LEJEUNE¹; TOMOHIRO YAMAKI¹; BRYAN WITTMANN¹; MOHAMED FAREH¹; EMNA MAHFOUDHI¹; MAXIME JANIN¹; JOHAN PALLUD¹; BERTRAND DEVAUX¹; STÉPHANIE PUGET¹; PENELOPE KORKOLOPOULOU¹; CHRIS OTTOLENGHI¹; ISABELLE PLO¹; VIVALDO MOURA NETO²; THIERRY VIROLLE¹; HERVÉ CHNEIWEISS¹; MARIE-PIERRE JUNIER¹

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P0570 - ORAL TREATMENT WITH ETHANOLIC EXTRACT FROM THE MEDICINAL PLANT COMBRETUM LEPROSUM MART PREVENTS MOTOR, BIOCHEMICAL AND MOLECULAR DEFICITS INDUCED BY PARKINSONIAN DRUG MPTP

BRUNA ZANETTI ROHOR¹; LÍVIA SILVEIRA DE MORAES¹; LORENA BIANCHINE AREAL¹; EVALDO VITOR PEREIRA¹; ALEXANDRE MARTINS COSTA SANTOS¹; VALDIR ALVES FACUNDO²; ADAIR ROBERTO SOARES DOS SANTOS³; RITA GOMES WANDERLEY PIRES¹; CRISTINA MARTINS-SILVA¹

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P0571 - NVP-BEZ235, A PHOSPHATIDYLINOSITOL 3-KINASE AND MAMMALIAN TARGET OF RAPAMYCIN DUAL INHIBITOR, IMPROVES BEHAVIORAL AND CELLULAR PATHOLOGICAL CHANGES INDUCED BY AMYLOID-B

PAULA MARIA MARIA QUAGLIO BELLOZI; ISABEL VIEIRA DE ASSIS LIMA; JULIANA GUIMARÃES DÓRIA; FABÍOLA MARA RIBEIRO; ANTÔNIO CARLOS PINHEIRO DE OLIVEIRA

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P0572 - GLUTAMATERGIC SIGNALING AND PSD-95 PROTEIN MODULATES NITRIC OXIDE LEVELS IN A MICE MODEL OF PARKINSON'S DISEASE

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UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL.

P0573 - PROTEINS INVOLVED ON THE COMPOSITION OF BLOOD-BRAIN BARRIER ARE MODIFIED AFTER NEONATAL HYPOXIA-ISCHEMIA AND ENVIRONMENTAL ENRICHMENT

HELOISA DEOLA CONFORTIM¹; RAMIRO DIAZ¹; BRUNA FERRARY DENIZ¹; PATRICIA MAIDANA MIGUEL¹; MONIQUE CULTURATO PADILHA MENDONÇA²; MARIA ALICE DA CRUZ HOFLING²; LENIR ORLANDI PEREIRA SILVA¹

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P0574 - N-ACETYLCYSTEINE TREATMENT ON ANXIETY RELATED BEHAVIORS DURING ETHANOL WITHDRAWAL IN RATS. LÍGIA CURY CASULA; JOHNNY WALLEF LEITE MARTINS; MARCELO TADEU MARIN

LABORATORY OF PHARMACOLOGY, SCHOOL OF PHARMACEUTICAL SCIENCES, UNESP, ARARAQUARA, SP, BRASIL.

P0575 - LONG-LASTING CHANGE ON ASTROCYTE SECRETOME FOLLOWING EARLY ETHANOL EXPOSURE



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PO576 - PENTYLENETETRAZOL INDUCED SEIZURES IN A MICE MODEL OF CEREBRAL MALARIA
 ANA CLAUDIA BECK GRAUNCKE; THAÍZE LOPES DE SOUZA; VINÍCIUS RAFAEL FUNCK; CLARISSA VASCONCELOS DE OLIVEIRA; JÉSSICA GRIGOLETTO; LEANDRO RODRIGO RIBEIRO; MAURO SCHNEIDER OLIVEIRA
 FEDERAL UNIVERSITY OF SANTA MARIA, SANTA MARIA, RS, BRASIL.

PO577 - BEHAVIORAL EFFECTS OF CHRONIC SOCIAL DEFEAT STRESS IN ADOLESCENT MALE MICE AND ITS PERSISTENCE IN ADULTHOOD
 JOSE FERNANDO SALVADOR CARRILLO; PEDRO EDUARDO NASCIMENTO SILVA VASCONCELOS; MELISSA RIBEIRO DE ARAÚJO; FERNANDA MIKI HONDA; LETICIA DE SOUZA RESENDE; SILVANA CHIAVEGATTO
 BEHAVIORAL AND MOLECULAR NEUROSCIENCE LAB, DEPARTMENT OF PHARMACOLOGY, BIOMEDICAL SCIENCES INSTITUTE, UNIVERSITY OF SAO PAULO, SAO PAULO, SP, BRASIL.

PO578 - MATERNAL CARE EVALUATION IN THE VPA RAT MODEL OF AUTISM
 NONTHUÉ ALEJANDRA UCCELLI; MARTIN CODAGNONE; MARIA FERNANDA PODESTÁ; ANALIA REINES
 IBCN (UBA-CONICET), CAT FARMACOLOGIA-FFYB UBA, BUENOS AIRES, ARGENTINA.

PO579 - BEHAVIORAL, BIOCHEMICAL AND HISTOLOGICAL CHARACTERIZATION OF THE PARKINSONIAN TOXIN 1-METHYL-4-(2'-METHYLPHENYL)-1,2,3,6,-TETRAHYDROPYRIDINE (AN ANALOG OF MPTP)
 AGIHANE RODRIGUES ALMEIDA; FILIPE ANDRICH; RITA GOMES WANDERLEY PIRES; CRISTINA MARTINS E SILVA
 UNIVERSIDADE FEDERAL DE ESPÍRITO SANTO, VITÓRIA, ES, BRASIL.

PO580 - THE BEHAVIORAL CHANGES OF DONEPEZIL-LOADED PLGA-B-PEG NANOPARTICLES ON BETA-AMYLOID 25–35 INJECTED RAT MODEL OF ALZHEIMER'S DISEASE
 BANU C TEL1; ELIF CINAR1; SEVGİ UGUR MUTLUAY1; IPEK BAYSAL2; ACELYA YALOVAC2; MERVE GULTEKINOGLU3; KEZBAN ULUBAYRAM3; SAMIYE YABANOGLU CIFTCI2; GULBERK UCAR2
 1. HACETTEPE UNIVERSITY, FACULTY OF PHARMACY, PHARMACOLOGY DEPARTMENT, ANKARA, TURQUIA;
 2. HACETTEPE UNIVERSITY, FACULTY OF PHARMACY, BIOCHEMISTRY DEPARTMENT, ANKARA, TURQUIA; 3. HACETTEPE UNIVERSITY, FACULTY OF PHARMACY, DEPARTMENT OF BASIC PHARMACEUTICAL SCIENCE, ANKARA, TURQUIA.

PO581 - ENRICHED ENVIRONMENT DURING ADOLESCENCE OF RATS REVERTS THE EFFECTS OF NEONATAL HYPERLEPTINAEMIA ON LOCOMOTOR ACTIVITY AND DEPRESSIVE-LIKE BEHAVIOR
 ELAINE CUNHA SANTOS; MABEL FRAGA; Yael ABREU-VILLAÇA; ALEX CHRISTIAN MANHÃES
 UERJ, RIO DE JANEIRO, RJ, BRASIL.

PO582 - ACUTE TREATMENT WITH THE ANTIOXIDANT N-ACETYL-CYSTEINE (NAC) IMPROVE BEHAVIOR DEFICITS IN MALE RATS OF AN ANIMAL MODEL OF SCHIZOPHRENIA BASED ON NEURODEVELOPMENT
 INDA LAGES NASCIMENTO; ANGELA RODRIGUES; CRISTIANE SALUM
 UFABC, TERESINA, PI, BRASIL.

PO583 - ADENOSINE RECEPTOR A2A EXPRESSION IN LIGHT INDUCED RETINAL DEGENERATION
 MANUEL SOLIÑO; ESTER MARÍA LÓPEZ; NOELÍ MARTIGNONE; MARINA VACOTTO; ELENA GIRARDI; JUAN JOSÉ LÓPEZ-COSTA
 IBCN "P.E. DE ROBERTIS", UBA-CONICET, BUENOS AIRES, ARGENTINA.

PO584 - RELATIONSHIP BETWEEN OF PLASMA BDNF AND POLYMORPHISM VAL66MET AT PATIENTS WITH STROKE BEFORE AND AFTER DIFFERENT REHABILITATION ESTRATEGY

DAIANE DE OLIVEIRA FONTES; MICHELE SCHULTZ
UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO585 - LXR ACTIVATION CAUSES DNA METHYLATION CHANGES OF SYNAPSE AND NEUROGENESIS RELATED GENES IN THE TRIPLE TRANSGENIC MICE (3XTG-AD)

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PO586 - CHARACTERIZATION OF THE CONTENT AND ACTIVITY OF STRIATAL CHOLINERGIC ENZYMES IN A MOUSE EXPERIMENTAL MODEL OF PARKINSON'S DISEASE INDUCED BY 6-OHDA

LÍVIA DE SÁ HAYASHIDE; ANA CAROLINA NEVES FERNANDES; ADRIANA FARIA MELIBEU; MANUEL GUSTAVO LEITÃO RIBEIRO
UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL.

PO587 - LSD AND GENDER DYSPHORIA IN AN ADULT MALE

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1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSIDADE DE TORONTO, TORONTO, CANADÁ.

PO588 - MYRICITRIN PRODUCES ANTIDEPRESSANT-LIKE EFFECTS AND INCREASES CELL PROLIFERATION IN THE HIPPOCAMPAL SUBGRANULAR ZONE AND SUBVENTRICULAR ZONE OF MICE.

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PO589 - ROLE OF VENTRAL HIPPOCAMPUS NEURONAL ENSEMBLES IN CONTEXT-INDUCED REINSTATEMENT OF COCAINE SELF-ADMINISTRATION IN RATS.

PAULO EDUARDO CARNEIRO DE OLIVEIRA¹; RODRIGO MOLINI LEÃO¹; PAULA CRISTINA BIANCHI¹; BRUCE THOMAS HOPE²; CLEOPATRA SILVA PLANETA¹; FÁBIO CARDOSO CRUZ¹
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PO590 - MORPHOLOGICAL, PHYSIOLOGICAL AND PHARMACOLOGICAL STUDIES IN MUSCLES FROM ANIMALS WITH EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS (EAE).

RAFAELA DO ROSÁRIO FLORINDO PESTANA¹; CARMEN SILVIA MORENO SERRA¹; NATHÁLIA BERNARDES TEIXEIRA²; GISELE PICOLLO²; WILLIAM JOSÉ SILVA¹; ANSELMO SIGARI MORISCOT¹; CRISTÓFORO SCAVONE¹; CAROLINA DEMARCHI DE SOUZA MUNHOZ¹; ANTONIO CARLOS OLIVEIRA¹
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PO591 - PI3K INHIBITION SHIFTS MITOCHONDRIAL DYNAMIC TOWARD FISSION RATHER THAN FUSION AND EXACERBATES ATTENUATION OF ELECTRON TRANSPORT CHAIN COMPLEXES ACTIVITY IN RAT MODEL OF ALZHEIMER'S DISEASE

FATEMEH SHAERZADEH; FERESHTEH MOTAMEDI; FARIBA KHODAGHOLI
NEUROSCIENCE RESEARCH CENTER, SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN.

PO592 - MOTOR PERFORMANCE EVALUATION AND MORPHOLOGY OF THE SOLEUS MUSCLE AND THE SCIATIC NERVE IN A MURINE MODEL FOR HUNTINGTON'S DISEASE.

FERNANDA DE ABREU EVANGELISTA COSTA; BÁRBARA C. DE ARAGÃO; JÉSSICA N. ANDRADE; PRISCILA A.C. VALADÃO; FÁBIO M. RIBEIRO; CRISTINA GUATIMOSIM

UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL.

PO593 - KETAMINE AT A DOSE OF 30 MG/KG MAY BE PROMISING FOR THE INVESTIGATION OF DRUG-INDUCED HYPERACTIVITY AND LOCOMOTOR SENSITIZATION IN ADULT MICE
JEFFERSON PIRES GALVÃO; JOYCE MELO-SILVA; CLAUDIO CARNEIRO FILGUEIRAS; ALEX CHRISTIAN MANHÃES; Yael ABREU-VILLAÇA
UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO594 - NEUROPEPTIDE S COUNTERACTS 6-HYDROXYDOPAMINE-INDUCED MOTOR DEFICITS IN MICE
JULIA JENSEN DIDONET¹; JUDNEY CLEY CAVALCANTE¹; LISIANE SANTANA SOUZA¹; MIRIAM S COSTA¹; EUNICE ANDRE²; VANESSA PAULA SOARES-RACHETTI¹; REMO GUERRINI³; GIROLAMO CALO³; ELAINE CRISTINA GAVIOLI¹
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PO595 - MICE PRION DISEASE PROGRESSES SLOWER IN ENRICHED ENVIRONMENT
JOÃO BENTO TORRES NETO¹; LUCIANE LOBATO SOBRAL²; ROSEANE BORNER OLIVEIRA¹; CRISTOVAM PICAÑO DINIZ¹
1.UNIVERSIDADE FEDERAL DO PARA, BELEM, PA, BRASIL; 2.UNIVERSIDADE DO ESTADO DO PARA, BELEM, PA, BRASIL.

PO596 - LONG TERM EFFECTS OF MESENCHYMAL STROMAL CELLS ON RETINAL GANGLION CELLS SURVIVAL AND REGENERATION AFTER INTRAVITREAL TRANSPLANTATION AFTER OPTIC NERVE INJURY IN ADULT RATS
LOUISE ALESSANDRA MESENTIER-LOURO¹; CAMILA ZAVERUCHA-DO-VALLE¹; ALMIR JORDÃO DA SILVA-JUNIOR¹; LEANDRO COELHO TEIXEIRA-PINHEIRO¹; GABRIEL NASCIMENTO-DOS-SANTOS¹; FERNANDA GUBERT¹; ANA BEATRIZ PADILHA DE FIGUEIRÊDO¹; ANA LUIZA TORRES¹; BRUNO DIAZ PAREDES¹; CAMILA TEIXEIRA²; FERNANDA TOVAR-MOLL³; ROSALIA MENDEZ-OTERO¹; MARCELO FELIPPE SANTIAGO¹
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PO597 - AGE- RELATED MEMORY IMPAIRMENT INDUCED BY CHRONIC LOW-GRADE SYSTEMIC INFLAMMATION IS ASSOCIATED TO Deregulation OF INFLAMMATORY RESPONSE AND OXIDATIVE STRESS
JOANA DA COSTA PINTO D'AVILA¹; LUCIANA DOMETT SIQUEIRA²; ESTEFANIA PEREIRA CARDOSO AZEVEDO³; DEBORA FOGUET³; FERNANDO AUGUSTO BOZZA⁴
1.LABORATÓRIO DE IMUNOFARMACOLOGIA, INSTITUTO OSWALDO CRUZ, FIOCRUZ AND INSTITUTO NACIONAL DE CIÊNCIA E TECNOLOGIA DE BIOLOGIA ESTRUTURAL E BIOIMAGEM, UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.LABORATÓRIO DE IMUNOFARMACOLOGIA, INSTITUTO OSWALDO CRUZ, FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL; 3.INSTITUTO DE BIOQUÍMICA MÉDICA, UFRJ, RIO DE JANEIRO, RJ, BRASIL; 4.INSTITUTO DE PESQUISA CLÍNICA EVANDRO CHAGAS, FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL.

PO598 - BONE MARROW CELL THERAPY IN AMYOTROPHIC LATERAL SCLEROSIS MURINE MODEL
FERNANDA GUBERT; IGOR BONACOSSA-PEREIRA; ANA BELLOT DECOTELLI; ANDREIA DE VASCONCELOS DOS SANTOS; ROSALIA MENDEZ-OTERO; MARCELO FELIPPE SANTIAGO
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO599 - AFFERENT AND EFFERENT CONNECTIONS OF THE INTERPEDUNCULAR NUCLEUS WITH SPECIAL REFERENCE TO HABENULA-INTERPEDUNCULAR NUCLEUS-MEDIAN RAPHE CIRCUITS
DEBORA NUNES MARTINS BUENO¹; LEANDRO LIMA¹; FERNANDA LEITE¹; LUCIANO GONÇALVES²; ISADORA FURIGO¹; JOSE DONATO JR¹; MARTIN METZGER¹



1. INSTITUTE OF BIOMEDICAL SCIENCES I, UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL; 2. FEDERAL UNIVERSITY OF THE TRIÂNGULO MINEIRO, UBERABA, MG, BRASIL.

PO600 - PASSIFLORA EDULIS VAR. EDULIS EVOKES ANTIDEPRESSANT-LIKE ACTIVITY IN MICE: STUDY OF THE PUTATIVE MECHANISMS OF ACTION
ADRIANA SOEIRO AYRES; DÉCIO JUNQUEIRA AYRES; VANESSA DE PAULA SOARES-RACHETTI; SILVANA M ZUCOLOTTI; ELAINE CRISTINA GAVIOLI
UFRN, NATAL, RN, BRASIL.

PO601 - LIVER X RECEPTOR AGONIST REGULATES SYNAPTIC FUNCTION UPON AMYLOID BETA EXPOSURE
CINDY TATIANA BAEZ¹; ADRIAN SANDOVAL¹; FABIA FILIPELLO²; HUMBERTO ARBOLEDA¹; HERMAN MORENO³; MICHAELLA MATTEOLI²; GONZALO ARBOLEDA¹
1. UNIVERSIDAD NACIONAL DE COLOMBIA, BOGOTÁ, COLOMBIA; 2. HUMANITAS RESEARCH CENTER, MILAN, ITALY; 3. SUNY DOWNSTATE MEDICAL CENTER, NEW YORK, ESTADOS UNIDOS.

PO602 - DEVELOPEMENT OF RETINOGENICULATE AND RETINOTECTAL PATHWAYS IN MICE WITH RETINAL DEGENERATION.
FERNANDA BRITO VIEIRA COUTINHO¹; GRASIELLE DUARTE MENEZES¹; HILDA PETRS SILVA²; CLAUDIO ALBERTO SERFATY¹; PAULA CAMPELLO-COSTA¹
1. UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2. UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO603 - STUDY OF HORMONAL INFLUENCE ON THE EXPERIMENTAL MODEL OF PILOCARPINE IN ANIMALS THAT DID NOT DEVELOP STATUS EPILEPTICUS
ANA CAROLINA COSSA; KAROLINE SILVA OLIVEIRA; JOSÉ CLÁUDIO DA SILVA; ESPER ABRÃO CAVALHEIRO; MARIA JOSÉ DA SILVA FERNANDES; DÉBORA AMADO
UNIFESP, SÃO PAULO, SP, BRASIL.

PO604 - CORRELATION BETWEEN MEMORY DEFICITS AND HIPPOCAMPAL SCLEROSIS IN PATIENTS WITH MESIAL TEMPORAL LOBE EPILEPSY
MICHEL GOMES DE MELO¹; ANTONIO CARLOS DOS SANTOS²; PAULA REJANE BESERRA DINIZ¹
1. FEDERAL UNIVERSITY OF PERNAMBUCO, RECIFE, PE, BRASIL; 2. UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

PO605 - EFFECTS OF TOPIRAMATE ON ANXIETY-RELATED BEHAVIORS IN ALCOHOL ABSTINENT RATS
DECIO JUNQUEIRA AYRES; VANESSA DE PAULA RACHETTI; ELAINE CRISTINA GAVIOLI
UFRN, NATAL, RN, BRASIL.

PO606 - VULNERABILITY OF DOPAMINERGIC NEURONS TO METABOLIC INSULTS FOLLOWING PERINATAL ASPHYXIA: STUDY OF AIF NUCLEAR TRANSLOCATION AND ENERGY FAILURE ON ORGANOTYPIC CULTURES.
RONALD PÉREZ LOBOS¹; EMMANUEL CASANOVA-ORTIZ²; CAROLYNE LESPAY-REBOLLEDO²; ESTEBAN PALACIOS²; MARCOS SEHRT-URIBE¹; DIEGO BUSTAMANTE²; PAOLA MORALES²; MARIO HERRERA-MARSCHITZ³
1. ESCUELA DE TECNOLOGÍA MÉDICA, UNIVERSIDAD ANDRÉS BELLO, SANTIAGO, CHILE; 2. PROGRAMME OF MOLECULAR & MOLECULAR PHARMACOLOGY, ICBM, MEDICAL FACULTY, UNIVERSITY OF CHILE, SANTIAGO, CHILE.; 3. MILLENIUM INSTITUTE BNI-CHILE; PROGRAMME OF MOLECULAR & MOLECULAR PHARMACOLOGY, ICBM, MEDICAL FACULTY, UNIVERSITY OF CHILE, SANTIAGO, CHILE., SANTIAGO, CHILE.

PO607 - TRANSCRIPTOME ANALYSIS OF THE FRONTAL CORTEX OF A RODENT MODEL OF AUTISM



CAROLINA ARAUJO-SOUZA¹; MARINA GURGEL LINHARES²; JOSÉ EDUARDO KROLL¹; CLEBER RODRIGUES FREITAS¹; JULIANA ALVES BRANDÃO¹; SANDRO JOSÉ SOUZA¹; RODRIGO NEVES ROMCY-PEREIRA¹
1.BRAIN INSTITUTE - FEDERAL UNIVERSITY OF RIO DE GRANDE DO NORTE, RIO GRANDE DO NORTE, RN, BRASIL;
2.FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, RIO GRANDE DO NORTE, RN, BRASIL.

PO608 - AGE-RELATED CHANGES ON AMYLOID PROTEIN PRECURSOR (APP) PROCESSING PATHWAYS IN FRONTAL CORTEX OF RATS: EXERCISE MODULATION

KARINE BERTOLDI¹; BRUNA SCHALLENBERGER¹; LOUISIANA CAROLINA FERREIRA DE MEIRELES¹; LAURA RECK CECHINEL¹; CARLA GIOVANA BASSO¹; GISELE AGUSTINI LOVATEL²; IONARA RODRIGUES SIQUEIRA¹
1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.UFSC, ARAQUANGÁ, SC, BRASIL.

PO609 - SYNERGISM WITH BETWEEN 5-HT_{1A} AGONIST AND κ -OPIOID ANTAGONIST CAUSES ANXIOLYTIC AND PANICOLYTIC-LIKE EFFECTS IN ANIMAL MODELS

ANTONIO JOAQUIM BONFIM¹; MARCEL PEREIRA RANGEL¹; JHONATAN CHRISTIAN MARASCHIN¹; MARIANA KITAYAMA¹; CAIO CÉSAR SESTILE¹; CAMILA MARRONI RONCON²; FREDERICO GUILHERME GRAEFF³; FREDERICO GUILHERME GRAEF³; HÉLIO ZANGROSSI JR²; ELISABETH APARECIDA AUDI¹
1.STATE UNIVERSITY OF MARINGÁ, MARINGÁ, PR, BRASIL; 2.UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 3.INSTITUTE OF NEUROSCIENCES AND BEHAVIOR (INEC), RIBEIRÃO PRETO, SP, BRASIL.

PO610 - HOMOCYSTEINE INHIBITS THE METHYLATION OF HISTONE H3 AND THE EXPRESSION OF LACTATE DEHYDROGENASE IN HUMAN GLIAL CELLS

RADOVAN MURÍN; SILVIA MAHMOOD; HENRIETA ŠKOVIEROVÁ; JOZEF HATOK; EVA BABUŠKOVÁ
COMENIUS UNIVERSITY IN BRATISLAVA, JESSENIUS FACULTY OF MEDICINE IN MARTIN, DEPARTMENT OF MEDICAL BIOCHEMISTRY, MARTIN, ESLOVÁQUIA.

PO611 - ANTIDEPRESSIVE-LIKE ACTIVITY CAUSED BY EUGENIA SULCATA FRUIT EXTRACT IN MICE

ANGELA MARIA CASARIL; ROBERTA ANVERSA; LUCIELLI SAVEGNAGO
UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS, RS, BRASIL.

PO612 - ONTOGENY OF ANXIETY-LIKE BEHAVIOR IN JUVENILE MALE RATS CAUSED BY NEONATAL STRESS MODEL: BEHAVIORAL AND HIPPOCAMPUS 5HT_{1A} RECEPTOR EVALUATIONS

CÁTIA NUNES CORRÊA; AMANDA BRONDANI MUCCELLINI; ROBERTA DALLE MOLLE; TANIA DINIZ MACHADO; TATIANE REIS; TIAGO PEREIRA HENRIQUES; GRACE ESPINOZA PARDO; GISELE GUS MANFRO; PATRÍCIA PELUFO SILVEIRA
UFRGS, PORTO ALEGRE, RS, BRASIL.

09/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION II - SENSORY AND MOTOR SYSTEMS

PO613 - VISUAL FATIGUE INDUCED BY STEREOSCOPIC IMAGES CORRELATE WITH PUPILLARY REACTIVITY

ANA MARÍA CAMPOS¹; SAMUEL ANDRÉS MADARIAGA¹; ARTURO EMILIO HILLERNS²; PEDRO ESTEBAN MALDONADO¹
1.UNIVERSITY OF CHILE, FACULTY OF MEDICINE, BIOMEDICAL NEUROSCIENCE INSTITUTE, NEUROSYSTEMS LABORATORY, SANTIAGO, CHILE; 2.UNIVERSITY OF CHILE, HOSPITAL CLÍNICO J. J. AGUIRRE, SERVICIO DE OFTALMOLOGÍA, SANTIAGO, CHILE.

PO614 - ANTICIPATION OF AN APPROACHING BAR BY NEURONAL POPULATIONS IN AWAKE MONKEY V1

GUILLAUME S MASSON; GIACOMO BENVENUTI; SANDRINE CHEMLA; ARJAN BOONMAN; FREDERIC CHAVANE



INSTITUT DE NEUROSCIENCE DE LA TIMONE, UMR7289, CNRS & AIX-MARSEILLE UNIVERSITY, MARSEILLE, FRANÇA.

PO615 - SINGLE CELL RT-PCR ANALYSIS OF SUPERIOR COLLICULUS SUPERFICIAL NEURONS REVEALS SPECIFIC CELL GROUPS

GYTIS BARANAUSKAS; GYTIS SVIRSKIS; NATASA SVIRSKIENE; TATIANA TKATCH
LITHUANIAN UNIVERSITY OF HEALTH SCIENCES, KAUNAS, LITUÂNIA.

PO616 - VISUAL ATTENTION AND VISUAL SEARCH TASK BEHAVIOR DIFFERENTIALLY MODULATE HUMAN EYE.

MARIA CONSUELO SAN MARTIN¹; DANIEL ROJAS²; KRISTOPHER MUÑOZ¹; PEDRO MALDONADO¹
1.UNIVERSIDAD DE CHILE FACULTAD DE MEDICINA, SANTIAGO, CHILE; 2.UNIVERSIDAD ALBERTO HURTADO FACULTAD DE EDUCACIÓN, SANTIAGO, CHILE.

PO617 - STRENGTH OF THE EFFERENT OLIVOCOCHLEAR SYSTEM MODIFIES THE NORMAL ACTIVITY OF A CENTRAL AUDITORY NUCLEI.

MARIANO NICOLÁS DI GUILLMI¹; MARÍA EUGENIA GÓMEZ-CASATI²; LUIS E BOERO²; ANA BELÉN ELGOYHEN³
1.INSTITUTO DE INVESTIGACIONES EN INGENIERÍA GENÉTICA Y BIOLOGÍA MOLECULAR, DR. HÉCTOR N TORRES, INGENI-CONICET, BUENOS AIRES, ARGENTINA; 2.TERCERA CÁTEDRA DE FARMACOLOGÍA. FACULTAD DE MEDICINA, UBA, BUENOS AIRES, ARGENTINA; 3.INSTITUTO DE INVESTIGACIONES EN INGENIERÍA GENÉTICA Y BIOLOGÍA MOLECULAR, DR. HÉCTOR N TORRES, INGENI-CONICET AND TERCERA CÁTEDRA DE FARMACOLOGÍA. FACULTAD DE MEDICINA, UBA, BUENOS AIRES, ARGENTINA.

PO618 - MOTOR BEHAVIOR IMPAIRMENT AND OXIDATIVE BIOCHEMISTRY IN THE MOTOR CORTEX OF FEMALE RATS TREATED WITH ETHANOL FOLLOWING A BINGE DRINKING PATTERN

LUANNA MELO PEREIRA FERNANDES; LUANA NAZARÉ SILVA SANTANA; SABRINA CARVALHO; RICARDO SOUZA OLIVEIRA PARAENSE; MARIA ELENA CRESPO-LÓPEZ; ENEAS ANDRADE FONTES-JUNIOR; RAFAEL RODRIGUES LIMA; CRISTIANE DO SOCORRO FERRAZ MAIA
UFPA, BELÉM, PA, BRASIL.

PO619 - THALAMOCORTICAL CIRCUITS INVOLVED IN SKILLED FORELIMB MOVEMENTS AND TOOL USE

GABRIELA LEWENFUS¹; ANDREI MAYER DE OLIVEIRA¹; RUBEN ERNESTO BITTENCOURT-NAVARRETE²; JOÃO GUEDES DA FRANCA¹
1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL DE JUIZ DE FORA, JUIZ DE FORA, MG, BRASIL.

PO620 - CORTICAL INPUT TO MARMOSET PREMOTOR SUBDIVISIONS.

SOFIA BAKOLA; KATHLEEN J BURMAN; MARCELLO GP ROSA
MONASH UNIVERSITY, MELBOURNE, AUSTRÁLIA.

PO621 - WHAT ARE WE LOOKING AT WHEN WE SEE? THE RELATION BETWEEN OCULAR MOVEMENTS AND VISUAL SEGMENTATION

ROCIO LOYOLA¹; SAMUEL MADARIAGA¹; DANIEL I ROJAS²; PEDRO E MALDONADO¹
1.UNIVERSITY OF CHILE, FACULTY OF MEDICINE, BIOMEDICAL NEUROSCIENCE INSTITUTE, NEUROSYSTEMS LABORATORY, SANTIAGO, CHILE; 2.ALBERTO HURTADO UNIVERSITY, EDUCATION FACULTY, SANTIAGO, CHILE.

PO622 - BALANCE IMPAIRMENTS AFTER BRACHIAL PLEXUS INJURY AS ASSESSED THROUGH CLINICAL AND POSTUROGRAPHIC EVALUATION

LIDIANE SOUZA¹; THIAGO LEMOS²; DÉBORA CRISTINA LIMA SILVA²; JOSÉ MAGALHÃES DE OLIVEIRA¹; JOSÉ FERNANDO GUEDES CORREA³; PAULO LEONARDO TAVARES³; LAURA ALICE SANTOS DE OLIVEIRA²; ERIKA CARVALHO RODRIGUES²; CLAUDIA DOMINGUES VARGAS¹



1.INSTITUTO DE BIOFÍSICA CARLOS CHAGAS FILHO, RIO DE JANEIRO, RJ, BRASIL; 2.CENTRO UNIVERSITÁRIO AUGUSTO MOTTA, RIO DE JANEIRO, RJ, BRASIL; 3.INSTITUTO DE NEUROLOGIA DEOLINDO COUTO, RIO DE JANEIRO, RJ, BRASIL.

PO623 - REVERSIBLE DEACTIVATION OF MOTOR CORTEX REVEALS FUNCTIONAL CONNECTIVITY WITH POSTERIOR PARIETAL CORTEX IN THE PROSIMIAN GALAGO (OTOLEMUR GARNETTI)

LEAH KRUBITZER¹; DYLAN F COOKE¹; IWONA STEPNIIEWSKA²; DANIEL J MILLER²; JON H KAAS²

1.UNIVERSITY OF CALIFORNIA, DAVIS, DAVIS, ESTADOS UNIDOS; 2.VANDERBILT UNIVERSITY, NASHVILLE, ESTADOS UNIDOS.

PO624 - MOTOR BEHAVIORAL ALTERATIONS INDUCED BY THE EXPOSITION TO METHYLMERCURY AND ETHANOL IN ANDOLESCENT FEMALE RATS UNTIL ADULT LIFE

ALANA MIRANDA PINHEIRO; ALINE NASCIMENTO OLIVEIRA; LUANNA MELO PEREIRA FERNANDES; ENEAS ANDRADE FONTES- JÚNIOR; CRISTIANE DO SOCORRO FERRAZ MAIA

UFPA, BELÉM, PA, BRASIL.

PO625 - HIGH FREQUENCY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS) REDUCES THE PAIN INTENSITY AND FREQUENCY OF ATTACKS IN INDIVIDUALS WITH CHRONIC MIGRAINE: A PRELIMINARY STUDY
MIRIAN C. M. M. DAVID¹; HEITOR GOMES DE ARAÚJO FILHO²; KÊNIA DE SOUSA SILVA¹; JULLYANA CRIS MARCELINO DE SOUZA¹; DORALÚCIA PEDROSA DE ARAÚJO¹; GILMA SERRA GALDINO¹; FÁBIO GALVÃO DANTAS¹; KÁTIA KARINA DO MONTE SILVA³; CARLÚCIA ITHAMAR FERNANDES FRANCO¹

1.STATE UNIVERSITY OF PARAÍBA, CAMPINA GRANDE, PB, BRASIL; 2.FEDERAL UNIVERSITY OF SERGIPE, ARACAJU, SE, BRASIL; 3.FEDERAL UNIVERSITY OF PERNAMBUCO, RECIFE, PE, BRASIL.

PO626 - AFFECTIVE AND EVALUATIVE CHARACTERS OF PAIN ARE REDUCED IN INDIVIDUALS WITH CHRONIC MIGRAINE SUBMITTED TO HIGH FREQUENCY REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION (RTMS): A PILOT STUDY
RAFAEL DIAS DE SOUSA¹; MÍRIAN CELLY MEDEIROS MIRANDA DAVID²; HEITOR GOMES DE ARAÚJO FILHO³; KÊNIA DE SOUSA SILVA²; JULLYANA CRIS MARCELINO DE SOUZA²; DORALÚCIA PEDROSA DE ARAÚJO²; GILMA SERRA GALDINO²; FÁBIO GALVÃO DANTAS²; KÁTIA KARINA DO MONTE SILVA⁴; CARLÚCIA ITHAMAR FERNANDES FRANCO²

1.FEDERAL UNIVERSITY OF GOIÁS, GOIÂNIA, GO, BRASIL; 2.STATE UNIVERSITY OF PARAÍBA, CAMPINA GRANDE, PB, BRASIL; 3.FEDERAL UNIVERSITY OF SERGIPE, ARACAJU, SE, BRASIL; 4.FEDERAL UNIVERSITY OF PERNAMBUCO, RECIFE, PE, BRASIL.

PO627 - THE ROLE OF PATTERN RECOGNITION RECEPTORS LIKE TOLL-LIKE RECEPTORS 4 IN HERPETIC AND POST-HERPETIC NEURALGIA

CASSIA REGINA SILVA; JONILSON BERLINK; JAQUELINE RAYMONDI; FERNANDO DE QUEIROZ CUNHA; THIAGO MATTAR CUNHA

FACULTY OF MEDICINE FROM RIBEIRÃO PRETO-USP, RIBEIRÃO PRETO, SP, BRASIL.

PO628 - IS REORGANISATION OF THE MOTOR CORTEX IN LOW BACK PAIN RELATED TO PAIN, MOVEMENT AND/OR SENSATION

EDITH ELGUETA-CANCINO; SIOBHAN SCHABRUN; PAUL HODGES

UNIVERSITY OF QUEENSLAND, BRISBANE, AUSTRÁLIA.

PO629 - DYSLEXIA AND AUDITORY FREQUENCY DISCRIMINATION

MARTA REGUEIRA DIAS PRESTES; KEILA JACOB SILVA; MARIA ANGELA GUIMARÃES FEITOSA

UNIVERSIDADE DE BRASÍLIA, BRASÍLIA, DF, BRASIL.

PO630 - SENSORIMOTOR REPRESENTATIONS BY PURKINJE CELLS DURING ACTIVE WHISKING

SUSU CHEN¹; GEORGE JAMES AUGUSTINE²; PAUL THOMAS CHADDERTON³



1. NUS GRADUATE SCHOOL FOR SCIENCE AND ENGINEERING, NATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE, SINGAPORE; 2. LEE KONG CHIAN SCHOOL OF MEDICINE, NTU, SINGAPORE, SINGAPORE; 3. DEPARTMENT OF BIOENGINEERING, IMPERIAL COLLEGE LONDON, LONDON, REINO UNIDO.

PO631 - PREDICTING UPCOMING EVENTS OCCURRING IN THE SPACE SURROUNDING THE BODY

MARIA LUIZA SALES RANGEL¹; LIDIANE SOUZA¹; JOSE MAGALHAES OLIVEIRA¹; LUCAS RAMOS FROTA¹; ERIKA DE CARVALHO RODRIGUES²; CLAUDIA DOMINGUES VARGAS¹

1. UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2. CENTRO UNIVERSITÁRIO AUGUSTO MOTTA - UNISUAM, RIO DE JANEIRO, RJ, BRASIL.

PO632 - BINGE DRINKING FROM ADOLESCENCE TO ADULTHOOD ALTERS CEREBELLAR FUNCTION IN FEMALE RATS

MAYARA AROUCK BARROS; LUANNA MELO PEREIRA FERNANDES; SABRINA CARVALHO; RICARDO SOUSA OLIVEIRA PARAENSE; LUANA NAZARE SILVA SANTANA; MARIA ELENA CRESPO LOPEZ; RAFAEL RODRIGUES LIMA; ENEAS ANDRADE FONTES-JUNIOR; CRISTIANE DO SOCORRO FERRAZ MAIA

UFPA, BELEM, PA, BRASIL.

PO633 - TREATMENT WITH MESENCHYMAL STEM CELLS BY SYSTEMIC ROUTES PROMOTES TISSUE PRESERVATION AND FUNCTIONAL RECOVERY IN MICE AFTER COMPRESSIVE SPINAL CORD INJURY.

BRUNA DOS SANTOS RAMALHO; FERNANDA MARTINS DE ALMEIDA; CONRADO MENDONÇA SALES; ANA MARIA BLANCO MARTINEZ

UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO634 - TACTILE THRESHOLD AND REFERRED SENSATION IN PATIENTS AFTER LESION AND SURGICAL RECONSTRUCTION OF THE BRACHIAL PLEXUS

BIA RAMALHO LIMA¹; MARIA LUIZA RANGEL¹; ANA CAROLINA SCHMAEDEKE¹; JULIANA MAIA¹; JOSÉ VICENTE MARTINS¹; PAULO LEONARDO TAVARES¹; JOSÉ FERNANDO GUEDES²; FÁTIMA SMITH ERTHAL¹; CLAUDIA DOMINGUES VARGAS¹

1. UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2. UNIRIO, RIO DE JANEIRO, RJ, BRASIL.

PO635 - REDUCED FUNCTIONAL CONNECTIVITY WITHIN THE PRIMARY MOTOR CORTEX OF PATIENTS WITH BRACHIAL PLEXUS INJURY

CLAUDIA DOMINGUES VARGAS¹; DANIEL FRAIMAN²; FATIMA ERTHAL¹; MICHELLE MIRANDA³; LIDIANE SOUZA¹; SERGE ROMBOUTS⁴; MARTJIN MALESSY⁴; ANTONIO GALVES³

1. INSTITUTO DE BIOFÍSICA CARLOS CHAGAS FILHO, RIO DE JANEIRO, RJ, BRASIL; 2. DEPT OF MATHEMATICS AND SCIENCE, BUENOS AIRES, ARGENTINA; 3. INSTITUTO DE MATEMÁTICA E ESTATÍSTICA, SÃO PAULO, SP, BRASIL; 4. LEIDEN UNIVERSITY MEDICAL CENTER, LEIDEN, HOLANDA.

PO636 - NOCICEPTION IN ADULT MICE OFFSPRING EXPOSED TO MORPHINE DURING PREGNANCY AND LACTATION

NAIR FREITAS CASTRO DE CORREIA; IZABELLE CAMOES SOUZA; PAULA CARDOSO RIBERA; MAYARA AROUCK BARROS; LUANNA MELO PEREIRA FERNANDES; ENEAS ANDRADE FONTES-JÚNIOR; CRISTIANE FERRAZ MAIA

UFPA, BELÉM, PA, BRASIL.

PO637 - CORTICAL CIRCUITS INVOLVED IN SKILLED FORELIMB MOVEMENTS AND TOOL USE

ANDREI MAYER DE OLIVEIRA¹; RUBEN ERNESTO BITTENCOURT NAVARRETE²; JOÃO GUEDES FRANCA¹

1. FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2. FEDERAL UNIVERSITY OF JUIZ DE FORA, JUIZ DE FORA, MG, BRASIL.

PO638 - CORTICOSPINAL EXCITABILITY IS TUNED BY THE OBSERVATION OF GRASPING TOWARDS EMOTION-LADEN OBJECTS



ANAELLI APARECIDA NOGUEIRA-CAMPOS¹; GHISLAIN SANIER²; VALERIA DELLA-MAGGIORE³; LAURA ALICE SANTOS DE OLIVEIRA⁴; ERIKA DE CARVALHO RODRIGUES⁴; CLAUDIA D. VARGAS⁵

1.UFJF, JUIZ DE FORA, MG, BRASIL; 2.UFPA, BELÉM, PA, BRASIL; 3.UNIVERSITY OF BUENOS AIRES, BUENOS AIRES, ARGENTINA; 4.UNISUAM, RIO DE JANEIRO, RJ, BRASIL; 5.UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO639 - A MULTI-FACTORIAL SYSTEM FOR THE DETECTION OF MTBI LONG-TERM BALANCE DEFICITS.

ALESSANDER DANNA-DOS-SANTOS; CHARLES T LEONARD; ADRIANA M DEGANI; SARJ PATEL; THOMAS RAU
UNIVERSITY OF MONTANA, MISSOULA, ESTADOS UNIDOS.

PO640 - DETECTION OF ANTICIPATORY EEG SIGNALS DURING CAR DRIVING: A FREQUENCY ANALYSIS APPROACH
SCHUBERT RIBEIRO DE CARVALHO¹; FREDSON C SANTOS¹; ALEXANDRE R GOMES¹; IRAQUITAN C FILHO¹; BRUNO DUARTE GOMES²

1.INSTITUTO TECNOLÓGICO VALE, BELÉM, PA, BRASIL; 2.INSTITUTO DE CIÊNCIAS BIOLÓGICAS, UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

PO641 - THE BRAZILIAN SPIDER TOXIN TX3-3 INHIBITS DORSAL HORN NEURONAL RESPONSES IN RATS
PREFERENTIALLY AFTER NERVE INJURY

GERUSA DUARTE DALMOLIN¹; LEONOR GONÇALVES²; SHAFaq SIKANDAR²; KIRSTY BANNISTER²; RYAN PATEL²;
MARTA DO NASCIMENTO CORDEIRO³; MARCUS VINÍCIUS GOMEZ⁴; JULIANO FERREIRA¹; ANTHONY DICKENSON²
1.FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL; 2.UNIVERSITY COLLEGE LONDON,
LONDON, REINO UNIDO; 3.EZEQUIEL DIAS FOUNDATION, BELO HORIZONTE, MG, BRASIL; 4.RESEARCH INSTITUTE OF
SANTA CASA DE BELO HORIZONTE, BH, MG, BRASIL.

PO642 - INCREASED TRKB EXPRESSION IN AUDITORY NUCLEI INDUCED AFTER INJURY IN TRIGEMINAL AND FACIAL
NERVE

RICARDO MAURICIO LEAO; PAULA CRISTINA SANTOS; RICARDO MAURICIO LEAO
FMRP-USP, RIBEIRÃO PRETO, SP, BRASIL.

PO643 - LOCALIZATION AND PREVALENCE OF "MATRIX" TYPE THALAMOCORTICAL NEURONS IN THE MARMOSET
MONKEY (CALLITHRIX JACCHUS)

PABLO RUBIO-GARRIDO¹; RUTHNALDO DE LIMA²; EXPEDITO NASCIMENTO²; JEFERSON CAVALCANTE³; JOHN
ARAUJO³; FRANCISCO CLASCA¹

1.DEPARTAMENTO DE ANATOMÍA Y NEUROCIENCIA. UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, ESPANHA;
2.DEPARTAMENTO DE MORFOLOGIA. UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL;
3.DEPARTAMENTO DE FISILOGIA. UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO644 - RESPONSES OF NEURONS IN THE RAT'S INFERIOR COLLICULUS TO ACOUSTIC ODDBALL PARADIGMS
CONTAINING SPATIAL CUES

HUIMING ZHANG; CHIRAG PATEL
UNIVERSITY OF WINDSOR, WINDSOR, CANADÁ.

PO645 - ANTINOCICEPTION INDUCED BY OPEN ARMS OF ELEVATED PLUS-MAZE IN MICE: EFFECTS OF INTRA-
AMYGDALA INJECTIONS OF 5-HT_{1A} AND 5-HT_{2C} RECEPTOR AGONIST

LÍGIA RENATA RODRIGUES TAVARES; AZAIR MATOS CANTO DE SOUZA; DANIELA BAPTISTA DE SOUZA
UFSCAR, SÃO CARLOS, SP, BRASIL.

PO647 - CORRELATION BETWEEN COLOR DISCRIMINATION THRESHOLDS ESTIMATED WITH COLOUR ASSESSMENT
AND DIAGNOSIS (CAD) AND CAMBRIDGE COLOUR TEST (CCT)



LETICIA MIQUILINI DE ARRUDA FARIAS¹; GIVAGO DA SILVA SOUZA¹; ELIZA MARIA DA COSTA BRITO LACERDA¹; ALEXANDRE ANTONIO MARQUES ROSA¹; PAULO RONEY KILPP GOULART¹; DORA FIX VENTURA²; LUIZ CARLOS DE LIMA SILVEIRA¹
1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

09/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION II - HOMEOSTATIC AND NEUROENDOCRINE SYSTEMS

PO648 - EFFECT OF SWIMMING EXERCISE AND NARINGENIN INTAKE IN OXIDATIVE STRESS AND ANTIOXIDANT PARAMETERS OF WISTAR FEMALE RATS' CEREBELLUM

PABLO RIBEIRO GONÇALVES COUTO¹; PAULINE MACIEL AUGUST²; DANIELA PEREIRA STOCKER¹; YASMINI DANDARA SILVA¹; VINÍCIUS STONE¹; CRISTIANE MATTÉ²

1.DEPARTAMENTO DE BIOQUÍMICA, ICBS, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, DEPARTAMENTO DE BIOQUÍMICA, ICBS, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO649 - BRAIN SEROTONIN REGULATES DAILY AMOUNT OF SPONTANEOUS ACTIVITY IN RATS

SHINYA YANAGITA; NATSUKO KUBOTA; YURIKA TAKANO; KEN TAKEDA
TOKYO UNIVERSITY OF SCIENCE, CHIBA, JAPÃO.

PO650 - NARINGENIN SUPPLEMENTATION AND AEROBIC EXERCISE PRACTICE DURING PREGNANCY CAUSE MODULATIONS IN CEREBELLAR OXIDATIVE PARAMETERS ON WISTAR RATS' OFFSPRING

DANIELA PEREIRA STOCKER¹; PAULINE MACIEL AUGUST²; THIAGO BELTRAM MARCELINO²; PABLO RIBEIRO GONÇALVES COUTO¹; CRISTIANE MATTÉ²

1.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DA SAÚDE (ICBS), UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS: BIOQUÍMICA, ICBS, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO651 - STRESS INCREASES SUCROSE INTAKE IN BINGE EATING PRONE FEMALE RATS

CAMILA DE AVILA DAL BO; JULIANE CALVEZ; ELENA TIMOFEEVA
UNIVERSITÉ LAVAL, QUÉBEC, CANADÁ.

PO652 - ELECTRICAL STIMULATION OF THE PARABRACHIAL NUCLEUS INDUCES REANIMATION FROM ISOFLURANE GENERAL ANESTHESIA

FANUEL MUINDI¹; JONATHAN D KENNY¹; NORMAN E TAYLOR²; KEN SOLT²; MATTHEW A WILSON¹; EMERY N BROWN¹; CHRISTA J VAN DORT¹

1.MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, ESTADOS UNIDOS; 2.MASSACHUSETTS GENERAL HOSPITAL, BOSTON, ESTADOS UNIDOS.

PO653 - BRAIN OSCILLATIONS IN THE SPINDLE-BETA FREQUENCY RANGE AS BEST PREDICTOR FOR CORTICAL DENDRITIC ACTIVITY DURING NATURAL SLEEP IN RODENT

JULIE SEIBT¹; CLEMENT J RICHARD¹; DENIS DE LIMOGES²; MATTHEW E LARKUM¹

1.NEUROCORE CLUSTER OF EXCELLENCE, CHARITÉ-UNIVERSITÄTSMEDIZIN, BERLIN, ALEMANHA; 2.INSITUTE OF PHYSIOLOGY, BERN, SUÍÇA.

PO654 - THE SUPRAMAMMILLARY NUCLEUS AND THE CLAUSTRUM ACTIVATE CORTICAL STRUCTURES DURING PARADOXICAL (REM) SLEEP

PIERRE-HERVÉ LUPPI; LESLIE RENOUARD; KEIKO OGAWA; OLIVIER CLEMENT; FRANCESCA BILLWILLER; NUTABI CAMARGO; MOUAADH ABDELKARIM; DAMIEN GERVASONI; NADINE GAY; CÉLINE SCOTE; PAUL-ANTOINE LIBOUREL; PASCAL RAVASSARD; DENISE SALVERT; CHRISTELLE PEYRON; BRUNO CLAUSTRAT; LUCIENNE LEGER; PAUL SALIN; GAIL MALLERET; PATRICE FORT
UMR 5292 CNRS/U1028 INSERM, LYON, FRANCE.

PO655 - EFFECTS OF LOSARTAN TREATMENT IN CARDIOVASCULAR AND AUTONOMIC CHANGES INDUCED BY CHRONIC PSYCHOLOGICAL STRESS IN RATS

WILLIAN COSTA FERREIRA; JOSIANE OLIVEIRA DUARTE; JONAS DE OLIVEIRA VIEIRA; JEFERSON DE ALMEIDA; LUCAS GOMES DE OLIVEIRA; LEANDRO AUGUSTO DE OLIVEIRA; CARLOS CÉSAR CRESTANI
UNESP, ARARAQUARA, SP, BRASIL.

PO656 - ROLE OF THE LATERAL PREOPTIC AREA IN AUTONOMIC AND NEUROENDOCRINE RESPONSES TO ACUTE RESTRAINT STRESS IN RATS.

CARLOS CESAR CRESTANI; JOSIANE OLIVEIRA DUARTE; KARINA S GOMES; RICARDO L NUNES-DE-SOUZA
LABORATORY OF PHARMACOLOGY, SCHOOL OF PHARMACEUTICAL SCIENCES, UNIV. ESTADUAL PAULISTA-UNESP, ARARAQUARA, SP, BRASIL.

PO657 - REGULATION OF HIPPOCAMPAL FIRING DURING EXTENDED WAKING AND SLEEP

HIROYUKI MIYAWAKI; KAMRAN DIBA
UNIV WISCONSIN-MILWAUKEE, MILWAUKEE, ESTADOS UNIDOS.

PO658 - CENTRAL ENDOTHELIN ETA AND CANNABINOID CB1 RECEPTORS BLOCKADE INCREASE THE RELEASE OF ARGININE VASOPRESSIN (AVP) AND DECREASE MORTALITY RATE IN RATS WITH SEPSIS

MARIANE GUTTERVILL LEITE1; LUIS ALEXANDRE LOMBA1; AMANDA LEITE BASTOS-PEREIRA2; DANIEL FRAGA3; ALEKSANDER ROBERTO ZAMPRONIO1
1.UFPR, CURITIBA, PR, BRASIL; 2.UEM, UMUARAMA, PR, BRASIL; 3.UFMS, COXIM, MS, BRASIL.

PO659 - IMPROVEMENT OF THE OBESE PHENOTYPE BY CHRONIC CENTRAL ADMINISTRATION OF THE CHEMICAL CHAPERONE TUDCA IS LINKED TO MICROGLIA PROLIFERATION IN THE HYPOTHALAMUS OF MICE

OMAR GUZMAN-QUEVEDO; GIULIA FERRETTI; CAROLINE ANDRÉ; SAMANTHA CLARCK; NATHALIE DUPUY; MAGALIE HAISSAGUERRE; THIERRY LESTE-LASSERRE; DANIELA COTA
INSERM, NEUROCENTRE MAGENDIE, PHYSIOPATHOLOGIE DE LA PLASTICITÉ NEURONALE, U862, F-33000 BORDEAUX, FRANCE, BORDEAUX, FRANCE.

PO660 - DIABETES MELLITUS MODIFIES THE ACTIVATION IN C-FOS/AVP EXPRESSION IN HYPOTHALAMIC NUCLEI

ROSSANA CITLALI ZEPEDA; DANIBETH REBOLLEDO; ÁNGELES MOLTALVO; ANLELY GUTIÉRREZ; ENRIQUE MEZA; MARIO CABA; CLAUDIA JUÁREZ-PORTILLA
CENTRO DE INVESTIGACIONES BIOMÉDICAS, XALAPA, MÉXICO.

PO661 - MAGNOCELLULAR VASOPRESSIN SYSTEM EXCITES HABENULAR GABAERGIC INTERNEURONS TO SUPPRESS ITS FUNCTIONAL OUTPUT DURING MULTIFACETED STRESS COPING

LIMEI ZHANG1; VITO S HERNANDEZ1; ERIKA VAZQUEZ-JUAREZ1; FREYA CHAY1; RAFAEL A BARRIO2
1.DEPARTAMENTO DE FISIOLÓGIA, FACULTAD DE MEDICINA, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO, MÉXICO; 2.INSTITUTO DE FÍSICA, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO, MÉXICO.

PO662 - NESFATIN-1 IS CO-EXPRESSED IN GNRH AND OREXIN A NEURONS OF RAT HYPOTHALAMUS



OZHAN EYIGOR¹; DUYGU GOK YURTSEVEN²; ZEHRA MINBAY¹

1.ULUDAG UNIVERSITY FACULTY OF MEDICINE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA; 2.ULUDAG UNIVERSITY INSTITUTE OF HEALTH SCIENCE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA.

PO663 - CHANGES IN THE PERFUSION OF CEREBRAL CORTEX AFTER SUBARACHNOID HEMORRHAGE – ANIMAL MODEL
KATERYNA NOHEJLOVA; MARTIN KOLAR; MARIA POMETLOVA; RICHARD ROKYTA; JAN MARES
THIRD FACULTY OF MEDICINE, CHARLES UNIVERSITY IN PRAGUE, PRAGUE, REPÚBLICA CHECA.

PO664 - FUNCTIONAL DIVERSITY OF BRAIN CORTICOSTEROID RECEPTORS

EDO RONALD DE KLOET

LEIDEN UNIVERSITY, TIENHOVEN, HOLANDA.

PO665 - CHRONIC HIGH FAT DIET SINCE CHILDHOOD ALTERS FEEDING BEHAVIOR AND LEADS TO CHANGES IN DOPAMINERGIC SYSTEM IN STRIATUM OF ADULT MALE WISTAR RATS

DANUSA MAR ARCEGO¹; RACHEL KROLOW¹; CARINE LAMPERT¹; CAROLINA BERLITZ²; ANA PAULA TONIAZZO¹; CAMILLA LAZZARETTI¹; CARLA DALMAZ¹

1.UFRGS - DEPARTAMENTO DE BIOQUÍMICA, PORTO ALEGRE, RS, BRASIL; 2.UFRGS, PORTO ALEGRE, RS, BRASIL.

PO666 - PERIOD 1 AND 2 EXPRESSION IN RAT CHOROID PLEXUS: ESTRADIOL AND CIRCADIAN RHYTHM EFFECTS
TELMA ALEXANDRA QUINTELA; TÂNIA ALBUQUERQUE; ISABEL GONÇALVES; ANDREIA DOMINGOS; CECÍLIA SANTOS
HEALTH SCIENCES RESEARCH CENTRE - CICS, COVILHÃ, PORTUGAL.

PO667 - OUABAIN REVERSES THE EFFECTS OF CHRONIC UNPREDICTABLE STRESS ON THE HPA AXIS AND BDNF LEVELS

JACQUELINE ALVES LEITE; ANA MARIA MARQUES ORELLANA; PAULA FERNANDA KINOSHITA; LARISSA DE SÁ LIMA; DIANA ZUKAS ANDREOTTI; ELISA MITIKO KAWAMOTO; CAROLINA DEMARCHI MUNHOZ; CRISTOFORO SCAVONE
UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

09/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION II - COGNITION AND BEHAVIOR

PO668 - ALTERATION AND REDUCTION IN MASTICATORY ACTIVITY INDUCE SPACIAL MEMORY LOSSES SIMILAR TO MICE MODEL OF PRION DISEASE

ANNA CAROLINA CEZNE¹; AMANDA SILVA LUCENA¹; HIRLEY GABRIEL REIMÃO NORONHA²; LUIZA TAINAH VASCONCELOS BARBOSA DA PAIXÃO²; MURILO PEREIRA ROSA²; THAISSA GOMES BORRALHO²; FABÍOLA DE CARVALHO CHAVES SIQUEIRA MENDES²; ROSEANE BORNER DE OLIVEIRA²; CRISTOVAM WANDERLEY PICANÇO DINIZ²; MARCIA CONSENTINO KRONKA SOSTHENES²

1.CENTRO UNIVERSITÁRIO DO ESTADO DO PARÁ, BELÉM, PA, BRASIL; 2.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

PO669 - CORTISOL AND TESTOSTERONE: IMPLICATIONS IN HUMAN AGGRESSION.

FLAVIA VENETUCCI GOUVEIA¹; CLEMENT HAMANI²; ERICH TALAMONI FONOFF³; HELENA BRENTANI⁴; ANA PAULA MARTINS⁴; LETICIA CALMON DRUMMOND AMORIM⁴; SERGIO PAULO RIGONATTI⁴; EDUARDO ALHO³; MANOEL JACOBSEN TEIXEIRA³; RAQUEL CHACON RUIZ MARTINEZ¹

1.HOSPITAL SIRIO LIBANES, SAO PAULO, SP, BRASIL; 2.DIVISION OF NEUROSURGERY TORONTO WESTERN HOSPITAL, TORONTO, CANADÁ; 3.DEPARTMENT OF NEUROLOGY, DIVISION OF FUNCTIONAL NEUROSURGERY OF THE INSTITUTE



OF PSYCHIATRY, UNIVERSITY OF SAO PAULO SCHOOL, MEDICINE SCHOOL, SAO PAULO, SP, BRASIL; 4.DEPARTMENT OF PSYCHIATRY - UNIVERSITY OF SAO PAULO, MEDICAL SCHOOL, SAO PAULO, SP, BRASIL.

P0670 - SYSTEMIC OR PRELIMBIC CORTEX ENHANCED NORADRENERGIC ACTIVITY INDUCES A DYSFUNCTIONAL AVERSIVE MEMORY AND GENERALIZED FEAR EXPRESSION

MARINA MAGNINI PORTES; ANA CAROLINA VANVOSSSEN; LUCAS GAZARINI; KAROLINE BATISTA LEITE; LEANDRO JOSÉ BERTOGLIO

FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0671 - EXPOSURE TO SCENES OF CONSPECIFIC THREAT ACTIVATES DEFENSIVE RESPONSES IN HUMANS: A POSTUROGRAPHIC ANALYSIS

ALINE FURTADO BASTOS; FATIMA SMITH ERTAL; JOSÉ MAGALHÃES DE OLIVEIRA; MARIA FERNANDA SANTOS; ELIANE VOLCHAN

FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0672 - ACTIVITY IN PRELIMBIC CORTEX SUBSERVES ADAPTIVE AND MALADAPTIVE CONTEXTUAL FEAR MEMORY

ANA CAROLINA VANVOSSSEN; CRISTINA JARK STERN; MARINA MAGNINI PORTES; LEANDRO JOSÉ BERTOGLIO

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0673 - ROLE OF TRANSIENT RECEPTOR POTENTIAL VANILLOID TYPE 1 IN FEAR MEMORY CONSOLIDATION, RECONSOLIDATION AND GENERALIZATION

FERNANDA TROYNER; ANA CAROLINA VANVOSSSEN; LEANDRO JOSÉ BERTOGLIO

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0674 - DOPAMINE AND CONSOLIDATION OF SOCIAL RECOGNITION MEMORY

CAROLINA GARRIDO ZINN1; NICOLAS CLAIRIS2; LORENA EVELYN CAVALCANTE1; CRISTIANE REGINA GUERINO FURINI1; JOCIANE DE CARVALHO MYSKIW1; IVAN ANTONIO IZQUIERDO1

1.PUCRS, PORTO ALEGRE, RS, BRASIL; 2.UNIVERSITÉ DE LYON, LYON, FRANÇA.

P0675 - THE RELEVANCE OF SOCIAL BONDING CUES AND THEIR INFLUENCE IN THE AFFILIATIVE ATTACHMENT VANESSA ROCHA-REGO1; RAFAELA RAMOS CAMPAGNOLI1; HERALDO DIONES SILVA2; CASSIA REGINA VIEIRA2; BRUNA EUGÊNIA FERREIRA MOTA2; FERNANDA SILVA RODRIGUES DE SÁ2; ADRIANA HELZ DOMINGUES1; JOSÉ MAGALHAES DE OLIVEIRA1; ELIANE VOLCHAN1; GABRIELA GUERRA LEAL DE SOUZA1

1.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF OURO PRETO, OURO PRETO, MG, BRASIL.

P0676 - ADMINISTRATION OF TAMOXIFEN AFTER FEAR MEMORY RETRIEVAL REDUCES FREEZING BEHAVIOR IN RATS THIAGO RODRIGUES DA SILVA1; CRISTINA APARECIDA JARK STERN2; REINALDO NAOTO TAKAHASHI2; ROBERTO ANDREATINI1

1.DEPARTMENT OF PHARMACOLOGY, FEDERAL UNIVERSITY OF PARANÁ, CURITIBA, PR, BRASIL; 2.DEPARTMENT OF PHARMACOLOGY, CCB, FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0677 - REDUCTION OF ANXIETY LEVELS IN TAENIA CRASSICEPS-INFECTED MICE

GABRIEL ROLDAN ROLDAN; NANCY PLATAS; RIMMA ZURABIAN

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO CITY, MÉXICO.

P0678 - AWAKE 24 HOURS: THE EFFECTS OF SLEEP DEPRIVATION ON MEMORY IN ZEBRAFISH (DANIO RERIO)

ADRIELLY MARCELA CASTRO; JAQUELINNE PINHEIRO SILVA; ANA CAROLINA LUCHIARI

UFRN, NATAL, RN, BRASIL.

PO679 - MASTICATORY CHANGES INDUCES SPATIAL EXPLORATORY ACTIVITY CHANGES IN THE OPEN FIELD TEST IN ADULT ALBINO SWISS MICE

MARCIA CONSENTINO KRONKA SOSTHENES¹; ANNA CAROLINA CEZNE²; AMANDA SILVA LUCENA³; LUIZA TAINAH VASCONCELOS BARBOSA DA PAIXÃO¹; HIRLEY GABRIEL REIMÃO NORONHA¹; MURILO PEREIRA ROSA¹; THÁISSA GOMES BORRALHO¹; FABIÓLA DE CARVALHO CHAVES DE SIQUEIRA MENDES¹; CRISTOVAM WANDERLEY PICAÑO DINIZ¹

1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.CENTRO UNIVERSITÁRIO DO ESTADODO PARÁ, BELÉM, PA, BRASIL; 3.CENTRO UNIVERSITÁRIO DO ESTADO DO PARÁ, BELÉM, PA, BRASIL.

PO680 - MASTICATORY REDUCTION AND AGING IN ALBINO SWISS MICE ARE ASSOCIATED WITH POOR PERFORMANCES ON SPATIAL LEARNING AND MEMORY IN BARNES MAZE

FABIOLA DE CARVALHO CHAVES DE SIQUEIRA MENDES¹; ANNA CAROLINA CEZNE²; AMANDA SILVA LUCENA²; HIRLEY GABRIEL REIMÃO NORONHA¹; LUISA TAINAH VASCONCELOS BARBOSA DA PAIXÃO¹; MURILO PEREIRA ROSA¹; THÁISSA GOMES BORRALHO¹; CRISTOVAM WANDERLEY PICAÑO DINIZ¹; MARCIA CONSENTINO KRONKA SOSTHENES¹

1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.CENTRO UNIVERSITÁRIO DO ESTADO DO PARÁ, BELÉM, PA, BRASIL.

PO681 - DIFFERENTIAL EFFECT OF WATER TEMPERATURE ON SPATIAL LEARNING OF ADULT MALE RATS

MAHMOUD ELAHDADI ELAHDADI SALMANI

DAMGHAN UNIVERSITY, DAMGHAN, IRAN.

PO682 - DIMETHYLTRYPTAMINE INTRAVENTRICULAR INJECTION MODULATES LEARNING AND ANXIETY PARAMETERS IN WISTAR RATS

BRUNO LOBÃO SOARES¹; DICKSON NOBREGA MEDEIROS¹; RAMON HYPOLITO¹; SARAH SOPHIA LINHARES¹; YWLLIANE MEURER¹; LUIS EDUARDO BRANDÃO¹; REGINA HELENA SILVA²; ALESSANDRA MUSSI RIBEIRO³; BRUNO LOBÃO SOARES¹

1.UFRN, NATAL, RN, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL; 3.USP, SANTOS, SP, BRASIL.

PO683 - SPATIAL LEARNING AND STRESS: THE INVOLVEMENT OF THE ENDOCANNABINOID SYSTEM

SIMONA ANDREEA BURA; GABRIELA ROGEL-SALAZAR; JENS STEPAN; MATTHIAS EDER; CARSTEN T WOTJAK

MAX PLANCK INSTITUTE OF PSYCHIATRY, MUNICH, ALEMANHA.

PO684 - MEMORY DEFICIT, HYPERACTIVITY AND INCREASED EXPRESSION OF NEURONS IN PREFRONTAL CORTEX IN A RAT IUGR MODEL BY REDUCED UTERINE PERFUSION PRESSURE

CRISTIAN CAMILO FIGUEROA; FRANCELE VALENTE PIAZZA; ETHIANE SEGABINAZI; OTÁVIO AMÉRICO AUGUSTIN; PATRICIA PELUFO SILVEIRA; SIMONE MARCUZZO

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO685 - CELLULAR COMPOSITION OF TELENCEPHALIC AREAS IN BIRDS

FELIX STRÖCKENS¹; KLEBER NEVES²; HERCULANO-HOUZEL SUZANA²; GÜNTÜRKÜN ONUR¹

1.RUHR-UNIVERSITY BOCHUM, BOCHUM, ALEMANHA; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO686 - PARENTAL BEHAVIOR IN JUVENILE MICE (C57BL/6J).

MARCELA GIMENA ALSINA-LLANES; DANIEL OLAZABAL

FACULTAD DE MEDICINA, MONTEVIDEO, URUGUAI.

PO687 - ADOLESCENTS READING COMPREHENSION AND VISUO-SPATIAL WORKING MEMORY: RELATIONS WITH CHRONOTYPE AND SLEEPINESS.

RUBIA APARECIDA PEREIRA DE CARVALHO MENDES¹; ELENICE APARECIDA DE MORAES FERRARI²
1.USP, SÃO PAULO, SP, BRASIL; 2.UNICAMP, CAMPINAS, SP, BRASIL.

PO688 - EFFECT OF AEROBIC TRAINING AND STRENGTH TRAINING ON EXECUTIVE FUNCTION IN ELDERLY DEPRESSED PATIENTS

MATHEUS SILVEIRA JARDIM¹; HEITOR SILVEIRA²; NARAHYANA ARAÚJO³; JASON SILVA¹; ANGELA BRETAS⁴; ANDREA CAMAZ DESLANDES²; JERSON LAKS⁵

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO AND LABORATÓRIO DE NEUROCIÊNCIA DO EXERCÍCIO, INSTITUTO DE PSIQUIATRIA(IPUB/UFRJ), RIO DE JANEIRO, RJ, BRASIL; 2.LABORATÓRIO DE NEUROCIÊNCIA DO EXERCÍCIO, INSTITUTO DE PSIQUIATRIA(IPUB/UFRJ), RIO DE JANEIRO, RJ, BRASIL; 3.LABORATÓRIO DE NEUROCIÊNCIA DO EXERCÍCIO, INSTITUTO DE PSIQUIATRIA(IPUB/UFRJ), PSICÓLOGA DO CORPO DE SAÚDE DA MARINHA-CLINICA DE GERIATRIA DO HOSPITAL NAVAL MARCÍLIO DIAS, RIO DE JANEIRO, RJ, BRASIL; 4.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 5.CDA/IPUB, FAPERJ AND CNPQ, RIO DE JANEIRO, RJ, BRASIL.

PO689 - OSCILLATORY MECHANISMS INVOLVED IN THE CODING OF TEMPORAL ERRORS

LOUISE CATHERYNE BARNE; FELIPE FERREIRA CARDOSO; MARCELO BUSSOTTI REYES; MARCELO SALVADOR CAETANO; ANDRÉ MASCIOLI CRAVO
UNIVERSIDADE FEDERAL DO ABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

PO690 - GROWTH HORMONE-RESPONSIVE CELLS ARE EXTENSIVELY DISTRIBUTED IN THE MOUSE BRAIN AND NEURONAL STAT5 SIGNALING IS REQUIRED TO ATTAIN NORMAL COGNITIVE FUNCTIONS

JOSE DONATO¹; ISADORA C FURIGO¹; HELEN M MELO²; NATALIA M LYRA E SILVA²; DANIELLA C BUONFIGLIO¹; ELIANA R LIMA³; ELIZA HIGUTI³; CIBELE N PERONI³; PAOLO BARTOLINI³; CARLOS RJ SOARES³; MARTIN METZGER¹; FERNANDA G DE FELICE²

1.UNIVERSITY OF SAO PAULO, SAO PAULO, SP, BRASIL; 2.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 3.BIOTECHNOLOGY CENTER, INSTITUTO DE PESQUISAS ENERGÉTICAS E NUCLEARES, SAO PAULO, SP, BRASIL.

PO691 - VAGAL TONE AT REST AND ITS RELATIONSHIP WITH PROSOCIAL TRAITS: A POTENTIAL BIOMARKER FOR MENTAL HEALTH

RAFAELA RAMOS CAMPAGNOLI¹; ROBERTA SÔNIA RODRIGUES ÁLVARES²; IZABELA MOCAIBER³; CARLOS EDUARDO NÓRTE¹; FÁTIMA SMITH ERTHAL¹; ELIANE VOLCHAN¹; GABRIELA GUERRA LEAL SOUZA²

1.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF OURO PRETO, OURO PRETO, MG, BRASIL; 3.FLUMINENSE FEDERAL UNIVERSITY, RIO DAS OSTRAS, RJ, BRASIL.

PO692 - AUDITORY EVENT-RELATED POTENTIALS INDEXING MEMORY AND CHANGE-DETECTION IN NEWBORN INFANTS WHO WERE EXPOSED TO ANTIEPILEPTIC MEDIATION DURING THE FETAL PERIOD

MINNA HUOTILAINEN; MARI KATRI VIDEMAN; SATU PAKARINEN; IINA ALA-KURIKKA; SAMPSA VANHATALO; TAINA NYBO; EIJA GAILY; REINA ROIVAINEN

UNIVERSITY OF HELSINKI, HELSINKI, FINLÂNDIA; .

PO693 - ELECTRORECEPTION IN AGONIST CONTESTS OF WEAKLY ELECTRIC FISH

FEDERICO PEDRAJA¹; ROSSANA PERRONE²; ANA CELIA SILVA³; RUBÉN BUDELLI³

1.FAKULTÄT FÜR BIOLOGIE, UNIVERSITÄT BIELEFELD, BIELEFELD, ALEMANHA; 2.INSTITUTO DE INVESTIGACION BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI; 3.FACULTAD DE CIENCIAS, UDELAR, MONTEVIDEO, URUGUAI.



PO694 - PATHWAY-SELECTIVE ADJUSTMENT OF PREFRONTAL-AMYGDALA TRANSMISSION DURING FEAR ENCODING
MAITHE ARRUDA-CARVALHO; ROGER L CLEM

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, NEW YORK, ESTADOS UNIDOS.

PO695 - MECHANISMS OF SECOND-ORDER CONDITIONING: IMPLICATIONS ON POST-TRAUMATIC STRESS DISORDER
DEKEL TALIAZ; ADELAIDE YIU; ASIM RASHID; PAUL FRANKLAND; SHEENA JOSSELYN
THE HOSPITAL FOR SICK CHILDREN, TORONTO, CANADÁ.

PO696 - MNEMONIC IMPAIRMENT, ANXIOGENIC AND OXIDATIVE HIPPOCAMPAL EFFECTS OF ACUTE ETHANOL BINGE IN ADOLESCENT FEMALE RATS

KLAYLTON SOUSA LOPES; LUANNA MELO PEREIRA FERNANDES; TAIANA CRISTINA VILHENA SARMENTO CARVALHEIRO; SABRINA DE CARVALHO; RICARDO SOUSA DE OLIVEIRA PARAENSE; ENÉAS DE ANDRADE FONTES JÚNIOR; MARIA ELENA CRESPO LÓPEZ; RAFAEL RODRIGUES LIMA; CRISTIANE DO SOCORRO FERRAZ MAIA
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PO697 - BRAIN ACTIVATION IN ADOLESCENTS WITH JUVENILE PRIMARY FIBROMYALGIA SYNDROME DURING STROOP TEST.

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PO698 - MODIFYING MEMORY VALENCE THROUGH RECONSOLIDATION

ANA PAULA CRESTANI; JOSUÉ HAUBRICH; FABIANA SANTANA; RODRIGO O SIERRA; LUCAS DE OLIVEIRA ALVARES; JORGE ALBERTO QUILLFELDT
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO699 - BEHAVIORAL TAGGING AND EXTINCTION LEARNING

ALINE CHWARTZMANN; FERNANDO BENETTI; IVAN IZQUIERDO; JOCIANE DE CARVALHO MYSKIW
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PO700 - PERSONALITY TRAITS BASED ON CONTEXTS CONSTANCY IN BETTA SPLENDES: BOLD AND SHY BEHAVIORAL FEATURES

JESSICA JANINE DE OLIVEIRA; ADRIELLY MARCELA DE CASTRO NASCIMENTO; EMANUELA GUEDES DANTAS; FÍVIA DE ARAÚJO LOPES; ANA CAROLINA LUCHIARI

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PO701 - MODERATE CONSUMPTION OF RED WINE ATTENUATES COGNITIVE IMPAIRMENT IN A MICE MODEL OF HYPERCHOLESTEROLEMIA

GABRIELA CRISTINA DE PAULA; JADE OLIVEIRA; EDUARDO LUIZ G. MOREIRA; DAIANE ENGEL; JADNA BOGADO LOPES; LUANA C.SCHÜLER SILVA; ANDREZA FABRO DE BEM

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO702 - PRE-TRAINING PROCEDURES AS CRITICAL FACTOR IN REDUCING DEFENSIVE RESPONSES THAT CAN INTERFERE WITH STEP-THROUGH INHIBITORY AVOIDANCE: THE IMPORTANCE OF AN IMMEDIATE SHOCK CONTROL GROUP

VANESSA MANCHIM FAVARO; JULIANA CARLOTA KRAMER SOARES; MARIA GABRIELA MENEZES OLIVEIRA
UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.



P0703 - DIFFERENT TYPES OF INHIBITORY CONTROL IN PATHOLOGICAL GAMBLERS, SUBSTANCE DEPENDENT PATIENTS AND HEALTHY PARTICIPANTS.

OLGA INOZEMTSEVA; MARTHA FRANCO-GONZÁLEZ; HUGO SALAZAR-RODRÍGUEZ; KARLA ROMERO-PACHECO; ESMERALDA MATUTE

UNIVERSIDAD DE GUADALAJARA, GUADALAJARA, MÉXICO.

P0704 - NEURAL ACTIVITY OF THE INSULAR CORTEX CORRELATES WITH EXPRESSION OF CONDITIONED FEAR. JOSE PATRICIO CASANOVA¹; MARCELO IVAN AGUILAR-RIVERA²; MARIA ANGELES RODRIGUEZ¹; FERNANDO TORREALBA¹

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P0705 - HOW THE PLACEHOLDERS ON THE SCREEN INFLUENCE THE MANIFESTATION OF AUTOMATIC ATTENTIONAL EFFECT

PATRÍCIA MARIA RODRIGUES GONÇALVES; MIRELLA GUALTIERI; LUIZ EDUARDO RIBEIRO-DO-VALLE

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P0706 - COGNITOME - THE HYPERNETWORK BRAIN MODEL

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P0707 - SLEEP DEPRIVATION EFFECTS ON AVERSIVE LEARNING ABILITY IN ZEBRAFISH

JAQUELINNE PINHEIRO DA SILVA; ADRIELLY MARCELA DE CASTRO DO NASCIMENTO; ANA CAROLINA LUCHIARI
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P0708 - ACUTE ETHANOL EXPOSURE EFFECTS ON EXPERIENCE DIFFERENTIATION: BEHAVIOR AND NEURONAL C-FOS EXPRESSION IN RATS

OLGA E. SVARNIK; ALEXANDRA I. BULAVA; YURI I. ALEXANDROV

INSTITUTE OF PSYCHOLOGY RAS, MOSCOW, RÚSSIA.

P0709 - CHOLINERGIC MODULATION BY ENDOCANNABINOID SYSTEM IN CONSOLIDATION AND RECONSOLIDATION OF SPATIAL MEMORY IN MICE CHRONICALLY TREATED WITH THE CANNABINOID AGONIST WIN-2

TAMARA ANDREA ALARCON FERREIRA; LORENA BIANCHINE AREAL; CRISTINA MARTINS-SILVA; RITA GOMES
WANDERLEY PIRES

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P0710 - ELECTROPHYSIOLOGICAL SIGNATURES OF TEMPORAL PERCEPTION

FERNANDA DANTAS BUENO; VANESSA CARNEIRO MORITA; MARCELO SALVADOR CAETANO; ANDRÉ MASCIOLI CRAVO

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P0711 - INSULAR CORTEX- AMYGDALA DISCONNECTION DISTURBS CONSOLIDATION OF FEAR CONDITIONED MEMORY
CARLOS MADRID

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P0712 - DISTINCT NEUROMODULATION OF AGGRESSION AND VIOLENCE-LIKE BEHAVIOR IN THE WEAKLY ELECTRIC FISH, GYMNOTUS OMARORUM

ANA SILVA¹; ROSSANA PERRONE²; LUCÍA ZUBIZARRETA³



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P0713 - TIME-PLACE LEARNING IN ZEBRAFISH (DANIO RERIO)
CLARISSA DE ALMEIDA MOURA; ANA CAROLINA LUCHIARI
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P0714 - TREADMILL EXERCISE OVERCOMES ALTERATIONS OF HIPPOCAMPAL SYNAPTIC PLASTICITY INDUCED BY PRENATAL EXPOSURE TO MORPHINE IN JUVENILE RATS
ALI RASHIDY-POUR; ALI AHMADALIPOUR
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P0715 - TEMPORAL AND CONTEXTUAL COMPONENTS IN FEAR CONDITIONING: A ROLE OF MEDIAL PREFRONTAL CORTEX
THAYS BRENNER DOS SANTOS; JULIANA CARLOTA KRAMMER SOARES; MARIA GABRIELA MENEZES OLIVEIRA
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P0716 - EEG ALPHA POWER ASYMMETRY AND AFFECTIVE RESPONSE TO HIGH-INTENSITY INTERVAL TRAINING AND CONTINUOUS MODERATE TRAINING
EDUARDO MATTA MELLO PORTUGAL¹; EDUARDO LATTARI¹; HEITOR SILVEIRA¹; RENATO MONTEIRO SOBRAL JUNIOR²; ANDREA DESLANDES¹
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P0717 - EFFECTS OF CANNABINOID TYPE 1 RECEPTOR BLOCKADE ON THE CONSOLIDATION OF CONTEXTUAL FEAR MEMORY IN DIFFERENT PERIODS OF CIRCADIAN RHYTHM.
RAFAEL SCOZ SILVA; LUCAS GAZARINI; LEANDRO JOSÉ BERTOGLIO
FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

P0718 - EFFECT OF NMDA ANTAGONIST ON FORGETTING IN DIFFERENT TYPES OF MEMORY
PAULA LUNARDI; RICARDO SACHSER; ANA PAULA CRESTANI; FABRICIO DUTRA; JOSUÉ HAUBRICH; JORGE QUILLFELDT; LUCAS DE OLIVEIRA ALVARES
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P0719 - CAN ALCOHOL DAMAGE OUR MEMORY? ACUTE MODERATE DOSE OF ALCOHOL IN ZEBRAFISH
BÁRBARA ARAÚJO QUADROS; ANA CAROLINA LUCHIARI
UFRN, NATAL, RN, BRASIL.

P0720 - IN VIVO IDENTIFICATION OF BRAIN STRUCTURES IMPLICATED IN SPATIAL LEARNING AND MEMORY, AND ITS MODULATION BY EMOTIONAL DRIVE IN MICE
SUELLEN ALMEIDA-CORREA; BENEDIKT T BEDENK; ANDREAS GENEWSKY; ANDREEA BURA; MICHAEL CZICH; CARSTEN T WOTJAK
MAX PLANCK INSTITUTE OF PSYCHIATRY, MUNICH, ALEMANHA.

P0721 - QUANTIFYING MENTAL WORKLOAD WITH MINIMALLY DISRUPTIVE MEASUREMENTS OF CARDIAC AND ELECTRODERMAL ACTIVITY IN REAL-LIFE SITUATIONS
SATU PAKARINEN; MARIANNE LEINIKKA; JARI TORNIAINEN; ANDREAS HENELIUS; BEN COWLEY; KRISTIAN LUKANDER; MINNA HUOTILAINEN
FINNISH INSTITUTE OF OCCUPATIONAL HEALTH, HELSINKI, FINLÂNDIA.

P0722 - EVALUATION OF MNEMONICS AND BIOCHEMISTRY EFFECTS AFTER EXPOSURE TO ETHANOL AND METHYLMERCURY IN RATS FROM ADOLESCENCE TO ADULT PHASE
PAULA CARDOSO RIBERA; IVALDO JESUS ALMEIDA BELEM FILHO; DIANDRA ARAUJO LUZ; ANTONIO RAFAEL QUADRO GOMES; MARTA CHAGAS MONTEIRO; ENEAS ANDRADE FONTES-JUNIOR; CRISTIANE DO SOCORRO FERRAZ MAIA
UFPA, BELEM, PA, BRASIL.

P0723 - ENDOGENOUS ORIENTING OF VISUAL ATTENTION IN RATS
MATEUS TORRES CRUZ; LEOPOLDO FRANCISCO BARLETTA; CYRUS ANTÔNIO VILLAS-BOAS; GILBERTO FERNANDO XAVIER
USP, SÃO PAULO, SP, BRASIL.

P0724 - SYMBOLIC CUE LEARNING ON VISUOSPATIAL ATTENTION: BEHAVIORAL PATTERN AND NEURAL CORRELATES
MATEUS SILVESTRIN; ANDRÉ MASCIOLI CRAVO
UFABC, SÃO BERNARDO, SP, BRASIL.

P0725 - FEAR-INDUCED ANTINOCICEPTION AND DEFENSIVE BEHAVIOURAL RESPONSE ELABORATED BY VLPAG
AUDREY FRANCISCO BIAGIONI; JULIANA ALMEIDA DA SILVA; NORBERTO CYSNE COIMBRA
MEDICINE SCHOOL OF RIBEIRÃO PRETO - USP, RIBEIRÃO PRETO, SP, BRASIL.

P0726 - BEHAVIORAL AND NEUROCHEMICAL FEATURES OF KETAMINE-INDUCED EPISODIC-LIKE MEMORY DEFICIT IN RATS
INGRID BRASILINO MONTENEGRO BENTO DE SOUZA¹; RICARDO MARQUES C ARAGÃO¹; ISABELLA MOREIRA BARRETO GOMES DE BRITO¹; KAREN CRISTINA PUGLIANE¹; JALES DANTAS DE LUCENA¹; PRISCILA TAVARES MACÊDO²; YWLLIANE DA SILVA RODRIGUES MEURER²; REGINA HELENA DA SILVA³; FLÁVIO FREITAS BARBOSA¹
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P0727 - ACUTE KETAMINE EXPOSURE PROMOTES BEHAVIORAL CHANGES IN FEMALE ADOLESCENT RATS SUBJECTED TO THE OPEN FIELD AND FORCED SWIM TESTS
TAIANA CRISTINA VILHENA SARMENTO CARVALHEIRO; SABRINA CARVALHO; IVALDO JESUS ALMEIDA BELEM FILHO; MAYARA AROUCK BARROS; LUANNA MELO PEREIRA FERNANDES; ENEAS ANDRADE FONTES-JUNIOR; CRISTIANE DO SOCORRO FERRAZ MAIA
UFPA, BELEM, PA, BRASIL.

P0728 - BEHAVIORAL MODIFICATIONS IN FEMALE RATS EXPOSED TO METHYLMERCURY AND ETHANOL INTOXICATION FROM ADOLESCENCE TO ADULTHOOD
IVALDO JESUS ALMEIDA BELEM FILHO; PAULA CARDOSO RIBERA; KLAYLTON SOUSA LOPES; MALLONE LOPES SILVA; ALANA MIRANDA PINHEIRO; ENEAS ANDRADE FONTES-JUNIOR; CRISTIANE DO SOCORRO FERRAZ MAIA
UFPA, BELEM, PA, BRASIL.

P0729 - INVOLVEMENT OF PRELIMBIC CORTEX CANNABINOID TYPE-1 RECEPTORS IN THE DISRUPTIVE EFFECT OF Δ^9 -TETRAHYDROCANNABINOL ON FEAR MEMORY RECONSOLIDATION
CRISTINA APARECIDA JARK STERN¹; LUCAS GAZARINI¹; ANA CAROLINA VANVOSSEN¹; ANTONIO WALDO ZUARDI²; ISMAEL GALVE-ROPERH³; FRANCISCO SILVEIRA GUIMARAES²; REINALDO NAOTO TAKAHASHI¹; LEANDRO JOSE BERTOGLIO¹
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P0730 - REGULATION OF LONG-TERM MEMORY FORMATION BY GRB2 THROUGH HIPPOCAMPAL RHO-ROCK PATHWAY



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P0731 - A LARGE WORKING MEMORY CAPACITY SLOWS DOWN LEARNING IN A REPEATED BINARY CHOICE TASK
CAROLINA FEHER DA SILVA; NESTOR CATICHA; MARCUS VINÍCIUS CHRYSÓSTOMO BALDO; LELIANE NUNES DE BARROS

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P0732 - THE ROLE OF HISTAMINE RECEPTORS IN THE CONSOLIDATION OF OBJECT RECOGNITION MEMORY
FILLIPE MACHADO VIEIRA; CLARICE KRÁS BORGES DA SILVEIRA; CRISTIANE REGINA GUERINO FURINI; FERNANDO BENETTI; SIOMARA DA CRUZ MONTEIRO; IVAN IZQUIERDO

PUCRS, PORTO ALEGRE, RS, BRASIL.

P0733 - ANTICONVULSANT ACTIVITY OF BETA-CARYOPHYLLENE IN C57BL/6 MICE

JÉSSICA GRIGOLETTO; CLEIDE CORREIA DE OLIVEIRA; CLARISSA VASCONCELOS DE OLIVEIRA; VINÍCIUS RAFAEL FUNCK; ANA CLAUDIA BECK GRAUNCKE; THAÍZE LOPES DE SOUZA; MAURO SCHNEIDER OLIVEIRA

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P0734 - CAN FLUOXETINE REDUCE ANXIOLITIC EFFECTS OF ALCOHOL WITHDRAWAL?

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P0735 - A SYSTEMATIC REVIEW OF EFFECT SIZES AND STATISTICAL POWER IN THE RODENT FEAR CONDITIONING LITERATURE

CLARISSA FRANÇA DIAS CARNEIRO; THIAGO CORDEIRO MOULIN; OLAVO BOHRER AMARAL

INSTITUTO DE BIOQUÍMICA MÉDICA LEOPOLDO DE MEIS, UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0736 - TRANSGENIC MOUSE MODEL OF HUNTINGTON'S DISEASE: A BEHAVIORAL STUDY

TONIANA GONÇALVES DE CARVALHO; TALITA HELEN FERREIRA-VIEIRA; JULIANA GUIMARÃES DÓRIA; FABÍOLA MARA RIBEIRO

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P0737 - NEURAL CORRELATES OF DYSLEXIA AND POOR READING: A MULTICENTER STUDY ON EARLY NEURAL INDICES OF READING DISABILITY AND DIFFICULTY

AUGUSTO BUCHWEITZ; CRISTIANO AGUZZOLI; VALENTINA METSAVAHT CARA; GUILHERME CAMARGO BRITO; LAURA DE LIMA XAVIER; ADRIANA CORRÊA COSTA; RUDINEIA TOAZZA; MIRNA WETTERS PORTUGUEZ; ALEXANDRE ROSA FRANCO
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P0738 - EXPOSURE TO CAFFEINE AND TOBACCO SMOKE IN ADOLESCENT MICE: EFFECTS ON ANXIETY AND DEPRESSIVE-LIKE BEHAVIOR DURING EXPOSURE AND WITHDRAWAL.

PEDRO HENRIQUE LEAL ROCHA; BRUNO DA SILVA GONÇALVES; ALEX CHRISTIAN MANHÃES; CLAUDIO CARNEIRO FILGUEIRAS; Yael ABREU-VILLAÇA; ANDERSON RIBEIRO-CARVALHO

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P0739 - PARTICIPATION OF PACAP IN CONTEXTUAL FEAR CONDITIONING AND SOCIAL RECOGNITION MEMORY
SCHEILA DAIANE SCHMIDT; JOCIANE DE CARVALHO MYSKIW; CRISTIANE GUERINO FURINI; BIANCA ESTEFANI SCHMIDT; LORENA CAVALCANTE; FLÁVIA FAGUNDES FERREIRA; IVAN IZQUIERDO

PUCRS, PORTO ALEGRE, RS, BRASIL.

P0740 - EFFECTS OF ALPHA-TOCOPHEROL ON BEHAVIORAL AND NEURONAL PARAMETERS IN A RAT MODEL OF PARKINSON'S DISEASE

RAMÓN HYPOLITO LIMA¹; ALDAIR SARMENTO SILVA¹; YWLLIANE RODRIGUES MEURER¹; ANDRE MACEDO MEDEIROS²; LISANDRO LUNGATO²; ROVENA CLARA GALVÃO JANUÁRIO ENGELBERTH¹; JEFERSON DE SOUZA CAVALCANTE¹; ALESSANDRA MUSSI RIBEIRO²; VÂNIA D'ALMEIDA²; REGINA HELENA SILVA²
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P0741 - ADENOSINE A2A RECEPTORS ARE NECESSARY AND SUFFICIENT TO TRIGGER MEMORY IMPAIRMENT IN ADULT MICE

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P0742 - FEAR EXTINCTION CAN BE MADE STATE-DEPENDENT ON PERIPHERAL EPINEPHRINE: ROLE OF NOREPINEPHRINE IN THE NUCLEUS TRACTUS SOLITARIUS.

ISADORA MOSMANN PIMENTEL; JESSICA ROSA; JOCIANE C MYSKIW; CRISTIANE R.G FURINI; GERSON G SAPIRAS; IVAN IZQUIERDO
PUCRS, PORTO ALEGRE, RS, BRASIL.

P0743 - RECONSOLIDATION PROMOTES THE STRENGTHENING OF EXTINCTION MEMORY

JOSUE HAUBRICH; ADRIANO MACHADO; FLÁVIA ZACOUTEGUY BOOS; ANA PAULA CRESTANI; FABIANA SANTANA; RODRIGO ORDOÑEZ SIERRA; LUCAS DE OLIVEIRA ALVARES; JORGE ALBERTO QUILLFELDT
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P0744 - INCREASED SUSCEPTIBILITY TO NICOTINE BEHAVIORAL EFFECTS FOLLOWING TOBACCO SMOKE OR ETHANOL EXPOSURE DURING MICE GESTATION AND LACTATION IS AGE AND SEX DEPENDENT

ANDRE LUIZ NUNES FREITAS; ANDERSON RIBEIRO CARVALHO; ANA CAROLINA DUTRA TAVARES; PEDRO HENRIQUE LEAL-ROCHA; ALEX CRISTIAN MANHAES; CLAUDIO CARNEIRO FILGUERIAS; Yael DE ABREU VILLAGA
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P0745 - CHRONIC EXPOSURE TO CAFFEINE ALTERS THE RESPONSE TO NICOTINE DURING ADOLESCENCE

ANA CAROLINA DUTRA TAVARES¹; PEDRO HENRIQUE LEAL ROCHA¹; ANDRÉ LUIZ NUNES FREITAS¹; ANDERSON RIBEIRO CARVALHO²; CLAUDIO CARNEIRO FILGUEIRAS¹; ALEX CHRISTIAN MANHAES¹; Yael DE ABREU VILLAGA¹
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P0746 - CELLULAR SCALING RULES FOR MARSUPIAL BRAINS: NOT AS

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P0747 - THE TIME COURSE OF SEMANTIC ORIENTATION INVESTIGATED BY ERP

JULIANA HELENA BRUNO MACHADO; BRENDA MIRUNA; MARIA TERESA CARTHERY-GOULART; ANDRE CRAVO; MARIA ALICE DE MATTOS PIMENTA PARENTE
UFABC, SAO PAULO, SP, BRASIL.

P0748 - INVOLVEMENT OF PI3K AND MTOR IN ANTIDEPRESSANT-LIKE EFFECT OF VALPROIC ACID



ISABEL VIEIRA DE ASSIS LIMA¹; ANA FLÁVIA SANTOS-ALMEIDA¹; DANIELE CRISTINA AGUIAR¹; ALLINE CRISTINA CAMPOS²; ANTÔNIO CARLOS PINHEIRO DE OLIVEIRA¹
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PO749 - EMOTIONAL STIMULI INTERFERE IN WORKING MEMORY? AN EVENT-RELATED POTENTIAL STUDY.
JESSICA SANCHES BRAGA FIGUEIRA¹; ISABELA VILLARINHO DE PAULA LOBO¹; ERICK FRANCISCO QUINTAS CONDE²; MIRTES GARCIA PEREIRA¹; LETICIA DE OLIVEIRA¹; ISABEL DE PAULA ANTUNES DAVID¹
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PO750 - THE ROLE OF DORSAL MEDIAL PREFRONTAL CORTEX IN CONTEXT-INDUCED ALCOHOL-SEEKING IN RATS.
PAULA CRISTINA BIANCHI¹; RODRIGO MOLINI LEÃO¹; PAULO EDUARDO CARNEIRO-DE-OLIVEIRA¹; PAOLA PALOMBO¹; CLEOPATRA PLANETA¹; FABIO CARDOSO CRUZ²
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2.UNIVERSITY OF SÃO PAULO / INSTITUTE OF PHYSICS OF SÃO CARLOS, SÃO CARLOS, SP, BRASIL.

PO751 - CAN THE NOMOFOBIA CAUSE AIRCRAFT ACCIDENTS? ATTENTION, DISTRACTION AND DECISION-MAKING PROCESS.
RICARDO GEORGE MÜLLER; CÉSAR SANTOS; FERNANDO GONÇALVES
BRASILIANA NAVY NAVE, RIO DE JANEIRO, RJ, BRASIL.

PO752 - DISRUPTIVE MEMORY EFFECTS OF MK-801 IN ZEBRAFISH TRAINED IN AN ASSOCIATIVE LEARNING TASK
THACIMARA SILVA SANTOS; BARBARA ARAUJO QUADROS; ANA CAROLINA LUCHIARI
UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO753 - RECOGNITION RATES FOR HAPTIC AND VISUAL MEMORY TASKS IN ELDERLY PEOPLE
MARIA JOSÉ NUNES GADELHA¹; CYNTIA DIÓGENES FERREIRA¹; ÉGINA KAROLINE GONÇALVES FONSÊCA¹; ANDRÉ ALEXANDRE DE JESUS MRQUES²; NELSON TORRO ALVES¹; NATANAEL ANTONIO SANTOS¹; BERNARDINO FERNÁNDEZ-CALVO¹
1.UNIVERSIDADE FEDERAL DA PARAÍBA, JOÃO PESSOA, PB, BRASIL; 2.UNIVERSIDADE DO ALGARVE, ALGARVE, PORTUGAL.

PO754 - CONTEXT-INDUCED REINSTATEMENT OF ETHANOL SEEKING IN RATS.
RODRIGO MOLINI LEÃO¹; PAULA CRISTINA BIANCHI¹; PAULO EDUARDO CARNEIRO-DE-OLIVEIRA¹; FÁBIO CARDOSO CRUZ²; CLEOPATRA SILVA PLANETA¹
1.SÃO PAULO STATE UNIVERSITY / SCHOOL OF PHARMACEUTICAL SCIENCES, ARARAQUARA, SP, BRASIL;
2.UNIVERSITY OF SÃO PAULO / INSTITUTE OF PHYSICS OF SÃO CARLOS, SÃO CARLOS, SP, BRASIL.

PO755 - EARLY POSTNATAL CAFFEINE TREATMENT RESTORES RECOGNITION MEMORY IN BOTH SEX OF AN EXPERIMENTAL MODEL OF ATTENTION DEFICIT AND HYPERACTIVITY DISORDER (ADHD)
FERNANDA DE MEDEIROS FLORES NUNES; DANIELA MELO MARQUES; AMANDA STALDONI ALMEIDA; DANIELA POCHMANN; LISIANE DE OLIVEIRA PORCIÚNCULA
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO756 - QUANTITATIVE ANALYSIS OF THE SPATIAL DISTRIBUTION OF NEURONS, GLIAL CELLS AND VASCULATURE IN THE MOUSE BRAIN
LISSA VENTURA ANTUNES; SUZANA HERCULANO HOUZEL
UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO757 - WHEN THE HEART SPEAKS THE BRAIN LISTENS: INTEROCEPTIVE PERFORMANCE AND CORTICAL CORRELATES OF CARDIAC SIGNALS IN ANXIETY DISORDERS.

ADRIAN EZEQUIEL YORIS; LUCAS SEDEÑO; SOL ESTEVES; FEDERICO ADOLFI; PAULA SALAMONE; RAFAEL KICHIC; MARCELO CETKOVICH; FACUNDO MANES; AGUSTIN IBANEZ
INSTITUTE OF COGNITIVE NEUROLOGY (INECO), BUENOS AIRES, ARGENTINA.

PO758 - THE RELATIONSHIP BETWEEN PROTEIN SYNTHESIS AND PROTEIN DEGRADATION IN THE OBJECT RECOGNITION MEMORY

CRISTIANE R.G. FURINI; JOCIANE DE CARVALHO MYSKIW; BIANCA ESTEFANI SCHMIDT; CAROLINA GARRIDO ZINN; PATRICIA BORGES PEIXOTO; LUIZA DORO PEREIRA; IVAN IZQUIERDO
CENTRO DE MEMÓRIA, INSCER, PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO759 - D1 AND D5 DOPAMINE RECEPTORS PARTICIPATE ON THE CONSOLIDATION OF TWO DIFFERENT MEMORIES.

LUIZA PEREIRA; CRISTIANE FURINI; JOCIANE MYSKIW; BIANCA SCHMIDT; LUCAS MARCONDES; IVAN IZQUIERDO
PUCRS, PORTO ALEGRE, RS, BRASIL.

PO760 - SYSTEMATIC GATING OF ATTENTION BUT VERSATILE INFLUENCE OF EMOTION IN THE HUMAN AMYGDALA REVEALED BY INTRACRANIAL EVENT-RELATED POTENTIAL RECORDINGS

LEEN DE TAEYE1; GILLES POURTOIS; DIRK VAN ROOST2; RIK ACHTEN3; ALFRED MEURS1; EVELIEN CARRETTE1; INE DAUWE1; VEERLE DE HERDT1; STEPHANIE HÖDL1; KRISTL VONCK1; PAUL BOON1; ROBRECHT RAEDT1
1.LABORATORY FOR CLINICAL AND EXPERIMENTAL NEUROPHYSIOLOGY, NEUROBIOLOGY AND NEUROPSYCHOLOGY (LCEN3), DEPARTMENT OF NEUROLOGY, GHENT UNIVERSITY HOSPITAL, GHENT, BÉLGICA; 2.DEPARTMENT OF NEUROSURGERY, GHENT UNIVERSITY HOSPITAL, GHENT, BÉLGICA; 3.DEPARTMENT OF RADIOLOGY AND MEDICAL IMAGING, GHENT UNIVERSITY HOSPITAL, GHENT, BÉLGICA.

PO761 - DIFFERENTIAL EFFECTS OF FISH OIL AND TREADMILL EXERCISE ON ANXIETY-LIKE BEHAVIOR AND EPISODIC MEMORY OF AGED RATS

PATRÍCIA FORTES MACÊDO; JANATAR STELLA DE MELO; LAIS ALVES COSTA; KEYLA TORRES; ROBERTA FERRER; ROSANGELA MENDES DA SILVA; MANUELLA BATISTA-DE-OLIVEIRA HORNSBY
UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL.

PO762 - ACUTE KETAMINE EXPOSURE INDUCES BEHAVIORAL AND OXIDATIVE CHANGES IN ADOLESCENT FEMALE RATS

SABRINA DE CARVALHO1; FERNANDES MELO PEREIRA LUANNA1; PARAENSE SOUSA OLIVEIRA RICARDO2; CRESPO-LÓPEZ ELENA MARIA2; FONTES JÚNIOR ANDRADE ENÉAS1; MAIA SOCORRO FERRAZ CRISTIANE1
1.LABORATÓRIO FARMACOLOGIA MOLECULAR – INSTITUTO DE CIÊNCIAS BIOLÓGICAS – UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.LABORATÓRIO FARMACOLOGIA MOLECULAR – INSTITUTO DE CIÊNCIAS BIOLÓGICAS – UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

PO763 - ACUTE ADMINISTRATION OF CRH ANTAGONIST DON'T PREVENT MEMORY IMPAIRMENT IN SLEEP DEPRIVED ANIMALS

PAULA AYAKO TIBA1; LUCAS FERNANDO MUNIZ RELVAS2; CLAUDIA ANGÉLICA BONILLA1; SIMONE MARIE OTA2; DEBORAH SUCHECKI2
1.UNIVERSIDADE FEDERAL DO ABC (UFABC), SÃO BERNARDO DO CAMPO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DO ABC, SAO PAULO, SP, BRASIL.

PO764 - BEHAVIORAL ASSESSMENT OF BALB/C MICE INFECTED WITH GENETICALLY DISTINCT TOXOPLASMA GONDII STRAINS



ELIZAMA CARNEIRO MACHADO BEZERRA¹; SERGIO VIEIRA DOS SANTOS²; TALITA CAROLINE COELHO DOS SANTOS¹; HEITOR FRANCO DE ANDRADE JÚNIOR¹; LUCIANA REGINA MEIRELES¹
1.INSTITUTE OF TROPICAL MEDICINE OF SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.SCHOOL OF MEDICAL SCIENCES OF SANTA CASA DE MISERICÓRDIA OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0765 - TIME CELL SEQUENCE REACTIVATION DURING HIPPOCAMPAL SHARP-WAVE RIPPLES
HINDIAEL AERAF AERAF BELCHIOR¹; RODRIGO PAVAO¹; ALAN FURTUNATO¹; HOWARD EICHENBAUM²; ADRIANO TORT¹
1.UFRN, NATAL, RN, BRASIL; 2.BOSTON UNIVERSITY, BOSTON, ESTADOS UNIDOS.

P0766 - ACUTE ETHANOL INTOXICATION ALTERS MOTOR BEHAVIOR AND CEREBELLAR OXIDATIVE BIOCHEMISTRY OF ADOLESCENT FEMALE RATS
ANTONIO JOSÉ CERASI JUNIOR; LUANNA DE MELO PEREIRA FERNANDES; ENÉAS DE ANDRADE FONTES JUNIOR; MARIA ELENA CRESPO LÓPEZ; CRISTIANE DO SOCORRO FERRAZ MAIA
UFPA, BELEM, PA, BRASIL.

P0767 - CB1 RECEPTOR OF THE VENTRAL PORTION OF MEDIAL PRE-FRONTAL CORTEX MODULATES CONDITIONED EMOTIONAL RESPONSE: INVOLVEMENT OF LOCAL GLUTAMATERGIC AND NITRERGIC SYSTEM
DANIELA LESCANO MARTINS ULIANA; LEANDRO SILVA ANTERO; SABRINA FRANSCESCA LISBOA; LEONARDO BARBOSA MORAES RESSTEL
SCHOOL OF MEDICINE OF RIBEIRÃO PRETO - UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

09/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION II - NOVEL METHODS AND TECHNOLOGY DEVELOPMENT

P0768 - IDENTIFICATION AND CHARACTERIZATION OF ANTI-NOCICEPTIVE PEPTIDES FROM THE VENOM OF THE MEXICAN SCORPION HADRURUS GERTSCHI
CLAUDIA JIMENA ARENAS; JACQUELINE COIMBRA; ADOLFO CARLOS; MARCIA MORTARI; ELISABETH SCHWARTZ
LABORATÓRIO DE TOXINOLOGIA-CFS-IB, UNIVERSIDADE DE BRASÍLIA (UNB), BRASI, DF, BRASIL.

P0769 - THE CHARACTERIZATION AND DIFFERENTIAL DIAGNOSIS OF RELAPSING-REMITTING MULTIPLE SCLEROSIS AND CLINICALLY ISOLATED SYNDROME FROM CEREBRO SPINAL FLUIDS BY INFRARED SPECTROSCOPY
FERIDE SEVERCAN¹; DILEK YONAR¹; LEVENT OCEK²; YASAR ZORLU²
1.MIDDLE EAST TECHNİÇAL UNIVERSITY, ANKARA, TURQUIA; 2.İZMİR TEPECİK EDUCATIONAL AND RESEARCH HOSPITAL, İZMİR, TURQUIA.

P0770 - CONTROL IN NATURAL AND ARTIFICIAL NEURAL ARCHITECTURES
DANIEL SANDER HOFFMANN
UERGS, PORTO ALEGRE, RS, BRASIL.

P0771 - SYNCHRONIZATION BETWEEN ENTORHINAL CORTEX AND CA3 SUBREGION DURING MEMORY RETRIEVAL
RENAN SCHIAVOLIN RECIO; RAPHAEL YOKOINGAWA DE CAMARGO
UFABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

P0772 - DIFFERENTIATION OF HUMAN MESENCHYMAL STEM CELLS TO DOPAMINÉRGICI LINEAGE. MORPHOLOGICAL CONSIDERATIONS.



ASTRID MILENA PERDOMO GONZÁLEZ; LILIANA FRANCIS TURNER
UNIVERSIDAD DEL TOLIMA, IBAGUÉ, COLÔMBIA.

P0773 - AN UPDATE AND STANDARDIZATION PROPOSAL FOR THE ELECTRORETINOGRAM IN RATS
LUIZ REIS BARBOSA JUNIOR; RAFAEL LANI LOUZADA; ADALMIR MORTERA DANTAS
FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0774 - A NORMATIVE STUDY OF THE PATTERN ELECTRORETINOGRAM IN RATS
RAFAEL LANI LOUZADA; LUIZ REIS BARBOSA JUNIOR; ADALMIR MORTERÁ DANTAS
FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0775 - EMPIRICAL BAYES APPROACH TO HIDDEN MARKOV MODELS FOR PARSING OF EYE TRACKING DATA:
IMPLEMENTATION, COMPARISON AND APPLICATION IN READING TASKS
PETER MAURICE ERNA CLAESSENS; FERNANDA MARCHEZINI; MARIA TERESA CARTHERY-GOULART
UFABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

P0776 - CONTROL DOSES OF DIAZEPAM FOR HOLE-BOARD AND OPEN FIELD
THAÍS CRISTINA MELO; KATTY ANNE MEDEIROS; MARINA FREIRE SOUZA; AUDERLAN MENDONÇA GOIS; MURILO
MARCHIORO; JOSE RONALDO SANTOS
FEDERAL UNIVERSITY OF SERGIPE, ARACAJU, SE, BRASIL.

P0777 - A METHODOLOGICAL APPROACH TO STUDY THREE DIMENSIONAL KINEMATICS OF HEAD SACCADDES IN OWLS
MARCO AURÉLIO DE FARIA BORGES; BRUNO VILHENA ADORNO; DIMAS ABREU DUTRA; JEROME BARON
UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL.

P0778 - SINGLE-CELL TYPE TRANSCRIPTIONAL PROFILING OF DROSOPHILA OPTIC LOBE NEURONS
KATARINA KAPURALIN; ALBERTO DEL VALLE-RODRIGUEZ; REDJET DEMISSIE; MATHIAS WERNET; CLAUDE DESPLAN
NEW YORK UNIVERSITY, ABU DHABI, EMIRADOS ARABES UNIDOS.

P0779 - CELL-TARGETED DRUG DELIVERY TO NEURONS USING PURPOSE-DESIGNED MICROCAPSULES
OLGA KOPACH¹; ANTON PAVLOV²; ALEXANDER SANDERS³; ANDREI SAPEL⁴; GLEB B SUKHORUKOV⁴; DMITRI A
RUSAKOV¹
1.UCL INSTITUTE OF NEUROLOGY, UNIVERSITY COLLEGE LONDON, LONDON, REINO UNIDO; 2.QUEEN MARY
UNIVERSITY OF LONDON, LONDON, REINO UNIDO; 3.UNIVERSITY OF BIRMINGHAM MEDICAL SCHOOL, BIRMINGHAM,
REINO UNIDO; 4.SCHOOL OF ENGINEERING AND MATERIALS SCIENCE, QUEEN MARY UNIVERSITY OF LONDON,
LONDON, REINO UNIDO.

10/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION III - DEVELOPMENT

P0780 - ADULT CELL PROLIFERATION IN THE BRAIN OF THE TELEOST MORMYRUS RUME: EVIDENCES OF A NEW
CEREBELLAR PROLIFERATION NEUROGENIC ZONE.
MARÍA E. CASTELLÓ¹; ISABEL BARREIRO²; EVELYN VILA²; MILKA D. RADMILOVICH²; KIRSTY GRANT³
1.INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MEC, MONTEVIDEO, URUGUAI; 2.FACULTAD DE
MEDICINA, UDELAR, MONTEVIDEO, URUGUAI; 3.UNITÉ DE NEUROSCIENCE, INFORMATION ET COMPLEXITÉ (UNIC, UPR
CNRS 3293), GIF SUR YVETTE, FRANÇA.

P0781 - EFFECTS OF CONDITIONED MEDIUM OF OLFACTORY ENSHEATHING GLIA (CMOEG) ON THE LEVELS OF KI67+ CELLS, AND ON NUMERICAL DENSITIES OF NESTIN- AND B III TUBULIN-REACTIVE CELLS IN CULTURE
 LENY A. CAVALCANTE; ROBERTA P.M. GUIMARÃES; LOUISE C. VITORINO; SILVANA ALLODI; RICARDO A. DE MELO REIS; LITIA A. CARVALHO
 UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0782 - UNDERNUTRITION DECREASE THE NUMBER OF NEURONS AND INCREASE THE NUMBER OF GLIAL PROGENITORS IN THE HYPOTHALAMUS DURING DEVELOPMENT.
 MICHAEL LUIZ MARTINS ROCHA; PRISCILLA PEREIRA FERNANDEZ; ADRIANA LIMA FERREIRA; PENHA CRISTINA BARRADAS DALTRÓ SANTOS; FRANK TENÓRIO DE ALMEIDA COSTA
 UERJ, RIO DE JANEIRO, RJ, BRASIL.

P0783 - THE LIPID PHOSPHATE PHOSPHATASE-3 IS A REGULATOR OF ADULT NEUROGENESIS IN THE MOUSE HIPPOCAMPUS*
 ISRAEL COTZOMI ORTEGA; RICARDO CASTRO HERNÁNDEZ; SANDRA GÓMEZ LÓPEZ; DIANA ESCALANTE ALCALDE
 INSTITUTE OF CELLULAR PHYSIOLOGY-UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, DISTRITO FEDERAL, MÉXICO.

P0784 - PLATELET-ACTIVATING FACTOR RESCUES THE PLURIPOTENCY OF SPONTANEOUSLY DIFFERENTIATED MURINE EMBRYONIC STEM CELLS
 LUDMILLA OLIVEIRA DA SILVA¹; PAULA VIEGAS PEREIRA²
 1.UNIVERSIDADE FEDERAL FLUMINENSE, NITERÓI, RJ, BRASIL; 2.UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0785 - EXERCISE AND CELL THERAPY AMELIORATE THE PERIPHERAL NERVE REGENERATION
 DOMETHILA MARIANO DE SOUZA AGUIAR DOS SANTOS¹; MARTHA DE NOVAES OKUYAMA¹; FERNANDA MARTINS DE ALMEIDA²; ANA MARIA BLANCO MARTINEZ²; SUELEN ADRIANI MARQUES¹
 1.LABORATÓRIO DE REGENERAÇÃO NEURAL E FUNÇÃO, DEPARTAMENTO DE NEUROBIOLOGIA, INSTITUTO DE BIOLOGIA, UFF, RIO DE JANEIRO, RJ, BRASIL; 2.LABORATÓRIO DE NEUROREGENERAÇÃO E REPARO, ICB, UFRJ, RIO DE JANEIRO, RJ, BRASIL.

P0786 - DIRECT REPROGRAMMING OF HUMAN MESENCHYMAL STEM CELL INTO FUNCTIONAL NEURONS USING PRONEURAL GENES
 JÉSSICA ALVES DE MEDEIROS ARAÚJO¹; DEBORAH AFONSO CORNÉLIO²; SILVIA REGINA BATISTUZZO²; RICHARDSON NAVES LEÃO¹; MARCOS ROMUALDO COSTA¹
 1.BRAIN INSTITUTE, FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 2.CELLULAR BIOLOGY AND GENETICS DEPARTMENT, FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

P0787 - THE EFFECT OF CHRONIC STRESS DURING ADOLESCENCE IN PREFRONTAL CORTEX STRUCTURE AND FUNCTION
 OTAVIO AUGUSTO DE ARAUJO COSTA FOLHA¹; CARLOMAGNO PACHECO BAHIA¹; ANTÔNIO PEREIRA JUNIOR²
 1.FEDERAL UNIVERSITY OF PARÁ, BELÉM, PA, BRASIL; 2.FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

P0788 - CONVERSION OF ASTROCYTES TO NEURAL PROGENITORS USING MIR-302/367 FOR ENHANCING MYELIN REPAIR AND HIPPOCAMPAL NEUROGENESIS
 MOHAMMAD JAVAN¹; MARYAM GHASEMI-KASMAN¹; HOSSEIN BAHARVAND²
 1.DEPARTMENT OF PHYSIOLOGY, FACULTY OF MEDICAL SCIENCES, TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN; 2.DEPARTMENT OF STEM CELLS AND DEVELOPMENTAL BIOLOGY AT CELL SCIENCE RESEARCH CENTER, ROYAN INSTITUTE FOR STEM CELL BIOLOGY AND TECHNOLOGY, ACECR, TEHRAN, IRAN.

P0789 - THE ROLE OF THYROID HORMONES IN THE VISUAL SYSTEM DEVELOPMENT AND PLASTICITY
WANDILSON DOS SANTOS RODRIGUES JR1; PRISCILLA OLIVEIRA SILVA1; PABLO PANDOLFO1; PAULA CAMPELLO COSTA1; ALEXANDRE ESTEVES MEDINA2; CLAUDIO ALBERTO SERFATY1
1.FLUMINENSE FEDERAL UNIVERSITY, NITEROI, RJ, BRASIL; 2.UNIVERSITY OF MARYLAND, BALTIMORE, ESTADOS UNIDOS.

P0790 - NEURAL STEM CELLS SOURCES IN THE MOUSE BRAIN
LINA MARIA DELGADOGARCIA1; PATRICIA CAMACHO MAZZONETTO2; LAYLA TESTA GALINDO2; ROGERIO MARTINS AMORIM1; MARIMELIA PORCIONATTO2
1.UNIVERSIDADE ESTADUAL PAULISTA, BOTUCATU, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE SAO PAULO, SAO PAULO, SP, BRASIL.

P0791 - ROLE OF ADENOSINE A2A RECEPTORS ON BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF)-INDUCED NEUROGENESIS IN THE SUBVENTRICULAR ZONE OF SPRAGUE-DAWLEY RATS
SARA XAPELLI; FILIPA F RIBEIRO; FILIPA FERREIRA; ANA M SEBASTIÃO
INSTITUTO DE FARMACOLOGIA E NEUROCIÊNCIAS; INSTITUTO DE MEDICINA MOLECULAR, FACULDADE DE MEDICINA DA UNIVERSIDADE DE LISBOA, LISBOA, PORTUGAL.

P0792 - NEURODEVELOPMENT. PARASYMPATHETIC NEURONS ORIGINATE FROM NERVE-ASSOCIATED PERIPHERAL GLIAL PROGENITORS
ALESSANDRO FURLAN1; VYACHESLAV DYACHUK1; MARYAM KHATIBI SHAHIDI1; MARCELA GIOVENCO1; NINA KAUUKU2; CHRYSOULA KONSTANTINIDOU3; VASSILIS PACHNIS3; FATIMA MEMIC1; ULRIKA MARKLUND1; THOMAS MÜLLER4; CARMEN BIRCHMEIER4; KAJ FRIED1; PATRIK ERNFORS1; IGOR ADAMEYKO1
1.KAROLINSKA INSTITUET, STOCKHOLM, SUÉCIA; 2.STOCKHOLM, STOCKHOLM, SUÉCIA; 3.MEDICAL RESEARCH COUNCIL (MRC) NATIONAL INSTITUTE FOR MEDICAL RESEARCH, LONDON, REINO UNIDO; 4.THE MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE, BERLIN, ALEMANHA.

P0793 - HIGH-PERFORMANCE AND RELIABLE SITE-DIRECTED IN VIVO GENETIC MANIPULATION OF THE MOUSE AND RAT BRAIN BY IN UTERO ELECTROPORATION WITH A TRIPLE-ELECTRODE PROBE
ANDRZEJ CWETSCH1; JOANNA SZCZURKOWSKA1; MARCO DAL MASCHIO1; DIEGO GHEZZI1; GIAN MICHELE RATT02; LAURA CANCEDDA1
1.DEPARTMENT OF NEUROSCIENCE AND BRAIN TECHNOLOGIES, ISTITUTO ITALIANO DI TECNOLOGIA, GENOVA, ITALY; 2.SCUOLA NORMALE SUPERIORE, PISA, ITALY.

P0794 - ASTROGLIA IN SQUAMATA: GFAP FREE AREAS AND ASTROCYTES
MIHALY KALMAN; DAVID L. LORINCZ
SEMMELWEIS UNIVERSITY, DEPT. ANATOMY, HISTOLOGY AND EMBRYOLOGY, BUDAPEST, HUNGRIA.

P0795 - GLIAL-DERIVED NEUROTROPHIC FACTOR (GDNF) PROPERTIES DURING PROLIFERATION, DIFFERENTIATION, MATURATION AND SURVIVAL OF DOPAMINERGIC AND MOTOR NEURONS DIFFERENTIATED FROM MOUSE EMBRYONIC STEM CELLS
DANIEL EDGAR CORTES; YOLANDA ROBLEDO-ARRATIA; RICARDO HERNANDEZ-MARTINEZ; ITZEL ESCOBEDO-AVILA; JOSE BARGAS; IVAN VELASCO
UNAM- INSTITUTO DE FISIOLÓGIA CELULAR, MEXICO, MÉXICO.

P0796 - REDUCED MATERNAL CARE AND PHYSICAL EXERCISE AFFECT EXTRACELLULAR VOLUME AND TORTUOSITY AS WELL AS THE EXPRESSION OF REELIN, NG2, AND GFAP.
LANE VIANA KREJCOVA; MICHAL CICANIC; MIROSLAVA ANDEROVA; SOPHIE CHOWDHURY; LYDIA VARGOVA
CHARLES UNIVERSITY, PRAHA, REPÚBLICA CHECA.

P0797 - REGENERATION OF NEURAL TISSUE THROUGH ELECTRICAL STIMULATION AND STEM CELLS THERAPY IN SPINAL CORD INJURED DOGS: PROJECT PERSPECTIVE
 EDDY KRUEGER¹; LIDIANE MOREIRA SANTOS¹; FERNANDO SWIECH BACH²; CARMEN LÚCIA KUNIYOSHI REBELLATO²; LETÍCIA FRACARO²; JOSÉ ADEMAR VILLANOVA JUNIOR²
 1.UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ, CURITIBA, PR, BRASIL; 2.PONTIFÍCIA UNIVERSIDADE CATÓLICA, CURITIBA, PR, BRASIL.

P0798 - MICROENVIRONMENT INFLUENCE ON PROLIFERATION AND MIGRATION OF NEURAL STEM CELLS
 AGNES ARAUJO SARDINHA PINTO; MAYARA TERRA VILLELA VIEIRA MUNDIM; LAYLA TESTA GALINDO; MARIMÉLIA APARECIDA PORCIONATTO
 UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0799 - OUABAIN AFFECTS THE CELL GROWTH AND DIFFERENTIATION OF ADULT MICE NEURAL PROGENITOR CELLS
 CLAUDIA M C BATISTA¹; MARCIA CAPELLA²; ANÍBAL GIL LOPES²
 1.ICB/UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.IBCCF/UFRJ, RIO DE JANEIRO, RJ, BRASIL.

P0800 - IMPACT OF ELECTROMAGNETIC FIELDS EMITTED BY NUCLEAR MAGNETIC RESONANCE DEVICES ON HIPPOCAMPAL NEURAL STEM CELLS
 MARIA VITTORIA PODDA¹; LUCIA LEONE¹; SAVIANA ANTONELLA BARBATI¹; CLAUDIA COLUSSI¹; ROSANNA PINTO²; VINCENZO CAMISA³; SALVATORE ZAFFINA⁴; CLAUDIO GRASSI¹
 1.INSTITUTE OF PHYSIOLOGY, UNIVERSITÀ CATTOLICA, ROME, ITALY; 2.ITALIAN NATIONAL AGENCY FOR NEW TECHNOLOGIES, ENERGY AND SUSTAINABLE ECONOMIC DEVELOPMENT (ENEA), ROME, ITALY; 3.HEALTH TECHNOLOGY ASSESSMENT AND SAFETY RESEARCH UNIT, CLINICAL-TECHNOLOGICAL INNOVATIONS RESEARCH A, BAMBINO GESÙ CHILDREN'S HOSPITAL IRCCS, ROME, ITALY, ROME, ITALY; 4.HEALTH TECHNOLOGY ASSESSMENT AND SAFETY RESEARCH UNIT, CLINICAL-TECHNOLOGICAL INNOVATIONS RESEARCH A, BAMBINO GESÙ CHILDREN'S HOSPITAL IRCCS, ROME, ITALY.

P0801 - ROLE OF EGFR IN ERK, CREB AND CALCIUM SIGNALING IN P2Y-INDUCED PROLIFERATION OF RETINAL CELLS IN CULTURE
 CAROLINA GOMES LOPES; FLÁVIA DE JESUS JAKES; ERICK CORREIA LOIOLA; ISIS MORAES ORNELAS; ANA LUCIA MARQUES VENTURA
 UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI, RJ, BRASIL.

P0802 - MECHANISMS OF BRADYKININ IN PROLIFERATION AND PHENOTYPE DETERMINATION OF NEURAL STEM CELLS
 MICHELI MAINARDI PILLAT¹; CLAUDIANA LAMEU¹; CLEBER A. TRUJILLO²; TALITA GLASER¹; PRISCILLA D. NEGRAES¹; ANGÉLICA R. CAPPELLARI³; ANA M. BATTASTINI³; TELMA T. SCHWINDT¹; ALYSSON MUOTRI²; HENNING ULRICH¹
 1.UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.UNIVERSITY OF CALIFORNIA SAN DIEGO, SAN DIEGO, ESTADOS UNIDOS; 3.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO AEGRE, RS, BRASIL.

P0803 - THE CB1 CANNABINOID RECEPTOR SIGNALS RADIAL MIGRATION OF PYRAMIDAL NEURONS IN THE DEVELOPING MOUSE CORTEX THROUGH THE MODULATION OF RHOA
 JAVIER DIAZ-ALONSO¹; ADAN DE SALAS¹; PATRICIA GARCEZ²; MADDY PARSONS³; CLARA ANDRADAS⁴; FRANCOIS GUILLEMOT²; MANUEL GUZMAN¹; ISMAEL GALVE-ROPERH¹
 1.COMPLUTENSE UNIVERSITY AND CIBERNED, MADRID, ESPANHA; 2.THE FRANCIS CRICK INSTITUTE, MILL HILL LABORATORY, LONDON, REINO UNIDO; 3.KINGS COLLEGE LONDON, LONDON, REINO UNIDO; 4.COMPLUTENSE UNIVERSITY, MADRID, ESPANHA.

P0804 - OPIOIDS AND NEUROGENESIS IN THE OLFACTORY BULB OF THE FEMALE RAT.
 MARIANELA SANTOYO ZEDILLO; RAÚL GERARDO PAREDES GUERRERO; WENDY PORTILLO MARTÍNEZ



INSTITUTO DE NEUROBIOLOGÍA, UNAM, QUERÉTARO, MÉXICO.

PO805 - ELIMINATION OF EARLY BORN NEURONS AFFECTS THE SPECIFICATION OF LATE BORN NEURONS DURING DEVELOPMENT OF THE CEREBRAL CORTEX

BRUNA SOARES SOARES LANDEIRA; JÉSSICA ALVES DE MEDEIROS ARAÚJO; MARCOS ROMUALDO COSTA
BRAIN INSTITUTE, NATAL, RN, BRASIL.

PO806 - THE ROLE OF NEURONAL PLASTICITY IN LEARNING PROCESSES

MATHEUS PEIXOTO ROCHA; CATARINA TAVORA OLIVEIRA; MATEUS MENDES CAVALCANTI; CAIO FARIAS GONÇALVES;
GHARONE SANTIAGO JUNIOR; ISRAEL PEREIRA BRITO; VANGLEILSON DINIZ MORAIS; LUIZ SAMPAIO DUARTE; MARIA
ELIZABETH NOBRE

UNIVERSIDADE FEDERAL DO CARIRI, BARBALHA, CE, BRASIL.

PO807 - THE FIRST NEURONS OF THE HUMAN BRAIN AND RETINA

IRINA BYSTRON; COLIN BLAKEMORE

UNIVERSITY OF OXFORD, OXFORD, REINO UNIDO.

PO808 - BENEFITS OF ELETROACUPUNCTURE IN SCIATIC NERVE REGENERATION OF THE RATS FOLLOWING
TRANSECTION

MARTHA NOVAES OKUYAMA¹; ANA CARAM AMORIM¹; SHEILA MARTINS²; ANA MARIA BLANCO MARTINEZ²; SUELEN
ADRIANI MARQUES¹

1.UFF, NITERÓI, RJ, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO809 - MOTOR INTERVENTIONS IN CHILDREN WITH ADHD

LISSA MARQUES WANDERLEY; MARIA LÚCIA GURGEL DA COSTA

UFPE, RECIFE, PE, BRASIL.

10/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION III - EXCITABILITY, SYNAPTIC TRANSMISSION, NETWORK FUNCTION

PO810 - ELECTROCHEMICAL STUDY OF DOPAMINE RELEASE IN THE NUCLEUS ACCUMBENS DURING PAVLOVIAN
CONDITIONING ON RATS WITH PREVIOUS ETHANOL EXPOSURE

AMANDA MAINO FIORENZA¹; TATIANA A SHNITKO²; ALEXANDER GÓMEZ-A¹; JULIE YOKO ESAKI¹; DONITA L
ROBINSON²; CLAUDIO DA CUNHA¹

1.UNIVERSIDADE DO PARANÁ, CURITIBA, PR, BRASIL; 2.UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL, ESTADOS
UNIDOS.

PO811 - ATP AND GLUTAMATE: MODULATION OF GLIOTRANSMITTERS RELEASE IN CHICK MÜLLER CELLS IN CUTURE
ERICK CORREIA LOIOLA; ANA LÚCIA MARQUES VENTURA

NEUROBIOLOGY DEPARTMENT, FLUMINENSE FEDERAL UNIVERSITY, NITERÓI, RJ, BRASIL.

PO812 - IMIPRAMINE PARTIALLY REVERSES THE DETRIMENTAL EFFECT OF MATERNAL SEPARATION ON LONG-TERM
POTENTIATION IN THE RAT LATERAL AMYGDALA

JOANNA DANIELEWICZ; JAKUB BAGINSKI; GRZEGORZ HESS

INSTITUTE OF ZOOLOGY, JAGIELLONIAN UNIVERSITY, KRAKOW, POLÔNIA.

P0813 - ENVIRONMENTAL ENRICHMENT STABILIZE THE LONG-TERM POTENTIATION DEFICITS IN A RAT MODEL OF TRANSIENT FOREBRAIN ISCHEMIA

ALI AHMADALIPOUR; JAFAR SADEGHZADEH; PARISA AMANIASL; HAMID REZA SAMENI; ALI RASHIDY-POUR
SEM NAN UNIVERSITY OF MEDICAL SCIENCES, SEMNAN, IRAN.

P0814 - MICE WITH AN INCREASED EXPRESSION OF THE VESICULAR ACETYLCHOLINE TRANSPORTER (VACHT) GENE DO NOT PRESENT CHANGES IN THE SPINAL CORD MOTONEURONS BUT SHOW EDL MUSCLE HYPERTROPHY
ISADORA DE SOUZA FURTADO¹; MATHEUS P.S.M. GOMES¹; PRISCILA A.C. VALADÃO¹; VÂNIA F. PRADO²; MARCO A.M. PRADO²; GREGORIO VALDEZ³; CRISTINA GUATIMOSIM¹

1.UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL; 2.UNIVERSITY OF WESTERN ONTARIO, LONDON, CANADÁ; 3.VIRGINIA TECH CARILION SCHOOL OF MEDICINE AND RESEARCH INSTITUTE, ROANOKE, ESTADOS UNIDOS.

P0815 - DOPAMINE REGULATES CREB PHOSPHORYLATION IN CULTURED RETINAL CELLS VIA A PKA-INDEPENDENT EPAC2/ERK2 SIGNALING PATHWAY.

CAIO EDUARDO NOGUEIRA; RENATO SOCODATO; ROBERTO PAES DE CARVALHO
FLUMINENSE FEDERAL UNIVERSITY, NITEROI, RJ, BRASIL.

P0816 - ENDOCANNABINOIDS CAUSE NEUROPROTECTION IN STRIATE CORTEX MIXED NEURONS PRIMARY CULTURE
JÉSSICA MABELLE DE SOUZA; EDLEUSA MARQUES LIMA BATISTA; JÉSSICA MABELLE DE SOUZA; TALITA HELEN FERREIRA E VIEIRA; FLAVIA RODRIGUES SILVA; FABRICIO A. MOREIRA; FABIOLA MARA RIBEIRO
UFMG, BELO HORIZONTE, MG, BRASIL.

P0817 - ROLE OF DORSAL HIPPOCAMPUS ON BAROREFLEX ACTIVITY: INVOLVEMENT OF GLUTAMATE/ENDOCANNABINOIDS AND ACETYLCHOLINE/NITRIC OXIDE PATHWAYS

NILSON CARLOS FERREIRA-JUNIOR; DAVI CAMPOS LAGATTA; LEONARDO BARBOSA MORAES RESSEL
FACULDADE DE MEDICINA DE RIBEIRAO PRETO-USP, RIBEIRAO PRETO, SP, BRASIL.

P0818 - CAFFEINE DURING PREGNANCY AND LACTATION MODIFIED CORTICAL AND HIPPOCAMPAL GLUTAMATE RECEPTORS AND TRANSPORTER

DANIELA MELO MARQUES; SABRINA MIORANZA; ANDRÉIA SILVA DA ROCHA; FERNANDA DE MEDEIROS FLORES NUNES; CÁSSIO MORAIS LOSS; DIOGO LOSCH DE OLIVEIRA; DANIELA POCHMANN; LISIANE DE OLIVEIRA PORCIÚNCULA
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0819 - IN VIVO WHOLE-CELL PATCH-CLAMP RECORDINGS OF INFERIOR COLLICULUS (IC) NEURONS FROM MICE TREATED WITH HIGH DOSES OF SALICYLATE.

ALEXANDRA OLIMPIO SIQUEIRA CUNHA¹; RICARDO MAURICIO XAVIER LEAO¹; J GERARD G BORST²
1.UNIVERSITY OF SAO PAULO, RIBEIRAO PRETO, SP, BRASIL; 2.ERASMUS UNIVERSITY MEDICAL CENTER, ROTTERDAM, HOLANDA.

P0820 - RHYTHM GENERATION IN ORGANOTYPIC RAT SPINAL CORD CULTURES IS BASED ON COOPERATION BETWEEN INAP AND ICAN IN PACEMAKER NEURONS

JÜRGE STREIT; MARTINA HEIDEMANN; ANNE TSCHERTER
DEPARTMENT OF PHYSIOLOGY, UNIVERSITY OF BERN, BERN, SUÍÇA.

P0821 - ASTROGLIAL GLUTAMATE TRANSPORT DRIVES BRAIN [18F]FDG PET SIGNAL

EDUARDO RIGON ZIMMER¹; MAXIME J PARENT²; ANTOINE LEUZY²; CLOTILDE LECRUX²; HYOUNG-IHL KIM³; SERGE GAUTHIER²; LUC PELLERIN⁴; EDITH HAMEL²; PEDRO ROSA-NETO²



1.UFRGS, BRAZIL, RS, BRASIL; 2.MCGILL UNIVERSITY, MONTREAL, CANADÁ; 3.GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY, GWANGJU, COREIA DO SUL; 4.LAUSANNE UNIVERSITY, LAUSANNE, SUÍÇA.

PO822 - ACTIVATION OF CANNABINOID RECEPTOR CB2 BY AM1241 ENHANCES THE PROPENSITY TO SEIZURE IN PENTYLENETETRAZOLE-INDUCED SEIZURE IN WISTAR RATS

PEDRO LEITE COSTA FRANCO; ATHOS PAULO SANTOS MARTINI; GABRIEL ROMAN SOUZA; FLÁVIA MAHATMA SCHNEIDER SOARES; ALEXANDRE ADEMAR HOELLER; ROGER WALZ; CRISTIANE RIBEIRO DE CARVALHO
UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO823 - THE ROLE OF THE INSULA REGION IN AN ADULT WISTAR RAT MODEL

LEIDY YURANI CUBILLOS; FERNANDO CARDENAS P; MARIA ALEJANDRA TANGARIFE; ANGIE CORREA
UNIVERSITY OF LOS ANDES, BOGOTÁ, D.C, COLÔMBIA.

PO824 - REGULATION OF VESICLE RELEASE PROBABILITY BY VGLUT FUNCTION

CHRISTIAN ROSENMUND
CHARITÉ MEDICAL SCHOOL, BERLIN, ALEMANHA.

PO825 - THE POLYSIALYLTRANSFERASE II (ST8SIAII) IS INVOLVED IN THE STRUCTURAL AND FUNCTIONAL PLASTICITY INDUCED BY CORTICOSTERONE IN NEURONAL CULTURES

JAVIER GILABERT JUAN1; ROCIO GONZALEZ MARTINEZ2; NOELIA SEBASTIA ORTEGA2; MARÍA DOLORES MOLTO1;
JUAN NACHER1

1.CIBERSAM. UNIVERSITY OF VALENCIA, VALENCIA, ESPANHA; 2.UNIVERSITY OF VALENCIA, VALENCIA, ESPANHA.

PO826 - ADMINISTRATION OF CANNABIDIOL IMPROVES IMPAIRMENT INDUCED BY MIDDLE CEREBRAL ARTERY OCCLUSION IN RATS

SEPIDEH KHAKSAR; MOHAMMADREZA BIGDELI
SHAHID BEHESHTI UNIVERSITY, TEHRAN, IRAN.

PO827 - IN VIVO HYPEROXIA PRECONDITIONING PREVENTS BRAIN TISSUE ISCHEMIC-REPERFUSION INJURIES BY EXPRESSING ENDOSTATIN

MOHAMMADREZA BIGDELI; MEISAM SHAHHOSEINI
SHAHID BEHESHTI UNIVERSITY, TEHRAN, IRAN.

PO828 - DYNAMICS AND FUNCTIONAL HETEROGENEITY OF VESICULAR GLUTAMATE TRANSPORTERS 1 AND 2 IN CNS GIANT SYNAPSES

LAURENT GUILLAUD; ABDELMONEIM ESHRA; TOMOYUKI TAKAHASHI
OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY, ONNA-SON, JAPÃO.

PO829 - SEROTONIN ROLE IN GABA RELEASE FROM THE THALAMIC RETICULAR NUCLEUS: COCAINE EFFECTS IN THE 5-HT2A-KNOCKOUT MOUSE.

VERONICA BISAGNO1; BELEN GOITIA2; MARIA CELESTE RIVERO-ECHE2; NOELIA WEISSTAUB3; JAY GINGRICH4;
EDGAR GARCIA-RILL5; FRANCISCO URBANO2

1.ININFA, BUENOS AIRES, ARGENTINA; 2.IFIBYNE, BUENOS AIRES, ARGENTINA; 3.GRUPO DE NEUROCIENCIA DE SISTEMAS, BUENOS AIRES, ARGENTINA; 4.SACKLER INSTITUTE FOR DEVELOPMENTAL PSYCHOBIOLOGY, NEW YORK, ESTADOS UNIDOS; 5.UAMS, LITTLE ROCK, ESTADOS UNIDOS.

PO830 - MECHANISM OF LEPTIN ACTION ON THE INTRINSIC PROPERTIES OF PEDUNCULOPONTINE AND RETICULAR THALAMIC NEURONS

FRANCISCO J. URBANO1; MARIA CELESTE RIVERO ECHETO1; VERONICA BISAGNO2; PAIGE BECK3; EDGAR GARCIA-RILL3



1.IFIBYNE-UBA-CONICET, CIUDAD DE BUENOS AIRES, ARGENTINA; 2.ININFA-UBA-CONICET, CIUDAD DE BUENOS AIRES, ARGENTINA; 3.CENTER FOR TRANSLATIONAL NEUROSCIENCE, UAMS, LITTLE ROCK, ARKANSAS, ESTADOS UNIDOS.

P0831 - ASTROCYTES MODULATE THE BDNF EFFECT ON LTP IN RAT HIPPOCAMPUS

SANDRA H. VAZ; ANA M. SEBASTIÃO

IMM & FACULTY OF MEDICINE, UNIVERSITY OF LISBON, LISBON, PORTUGAL.

P0832 - ROLES OF NMDA RECEPTOR AND EAAC1 TRANSPORTER IN THE MODULATION OF EXTRACELLULAR GLUTAMATE LEVELS BY LOW AND HIGH AFFINITY AMPA RECEPTORS IN CEREBELLUM IN VIVO. ALTERATIONS IN CHRONIC HYPERAMMONEMIA

ANDREA CABRERA-PASTOR; LUCAS TAORO; MARTA LLANSOLA; VICENTE FELIPO

CENTRO DE INVESTIGACIÓN PRÍNCIPE FELIPE, VALENCIA, ESPANHA.

P0833 - MINOR ALLELE FOR THE RS11688 GENETIC POLYMORPHISM OF JUN AS A PROTECTIVE FACTOR IN ISCHEMIC STROKE

KARINE MANVEL TADEVOSYAN; ANNA SUREN BOYAJYAN

INSTITUTE OF MOLECULAR BIOLOGY OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF ARMENIA, YEREVAN, ARMENIA.

P0834 - REGULATION OF THE ZEBRAFISH VENTRAL HABENULA BY KISSPEPTIN 1

CHARLOTTE LUPTON1; SURESH JESUTHASAN2; RUEY-KUANG CHENG3

1.UNIVERSITY OF SHEFFIELD, INSTITUTE OF MOLECULAR AND CELLULAR BIOLOGY (IMCB), SHEFFIELD, SINGAPORE, REINO UNIDO; 2.INSTITUTE OF MOLECULAR BIOLOGY (IMCB), NEUROSCIENCE AND BEHAVIOURAL DISORDERS PROGRAM, DUKE-NUS GRADUATE MEDICAL SCHOOL, DEPARTMENT OF PHYSIOLOGY, NATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE, SINGAPURA; 3.NEURAL CIRCUITRY AND BEHAVIOUR, INSTITUTE OF MOLECULAR BIOLOGY (IMCB), SINGAPORE, SINGAPURA.

P0835 - SEIZURES INDUCED BY CUNANIOL LEADS TO LONG-LASTING GAMMA BAND ALTERATIONS.

PAULA MAYLLA BARBOSA SANTOS; LUIZ DOS SANTOS BATISTA; PEDRO DOS SANTOS BATISTA; NATACHA DE RIZ; ROMULO FEIO FARIAS; MOISÉS HAMOY

UNIVERSIDADE FEDERAL DO PARA, BELÉM, PA, BRASIL.

P0836 - ALTERED INTRINSIC PROPERTIES OF VENTROBASAL THALAMIC NEURONS AFTER REPEATED INTERMITTENT TREATMENTS WITH COCAINE, CAFFEINE OR THEIR COMBINATION

MARÍA CELESTE SOLANGE RIVERO ECHETO1; JAVIER ANDRÉS MUÑÍZ2; BETINA GONZÁLEZ2; JEAN LUD CADET3; EDGAR GARCÍA-RILL4; VERÓNICA BISAGNO2; FRANCISCO JOSÉ URBANO1

1.IFIBYNE-CONICET-UBA, BUENOS AIRES, ARGENTINA; 2.ININFA-CONICET-UBA, BUENOS AIRES, ARGENTINA; 3.MOLEC.NEUROPSUCH.RES.BRANCH NIH/NIDA INTRAMURAL RE.PROG, MARYLAND, ESTADOS UNIDOS; 4.CENTER FOR TRANSLATIONAL NEUROSCIENCE-UAMS, ARKANSAS, ESTADOS UNIDOS.

P0837 - EVALUATION OF GLUTAMATE UPTAKE IN CHICKEN EMBRYO RETINA PRIMARY CELL CULTUREIN THE PRESENCE OF CUNANIOL

CRISTIANA PINHEIRO GUIMARÃES; PEDRO GABRIEL DE ARAÚJO CORDEIRO; MARIA SILVANA PINTO LOPES; RAFAELA DA SILVA MORAES; THAMIRES DE CASTRO NAVEGANTES; MARCOS RAIMUNDO PEREIRA DA SILVA; MONIQUE CRISTINA BEZERRA DE MORISSON FARIA; ISIS JASPE REIS DA SILVA; NAARA RAFAELA DE LIMA PONCIANO; LUIZ SANTOS BATISTA; ROMULO AUGUSTO FARIAS FEIO; VANESSA JÓIA DE MELLO; MOISÉS HAMOY
FEDERAL UNIVERSITY OF PARÁ, BELÉM, PA, BRASIL.

P0838 - LOW-THRESHOLD CURRENTS OF THE THALAMIC INTERGENICULATE LEAFLET AND INTERRELATED VENTROLATERAL GENICULATE NUCLEUS IN WISTAR AND WAG/RIJ RATS



LUKASZ CHROBOK; KATARZYNA PALUS; MARIAN HENRYK LEWANDOWSKI
DEPARTMENT OF NEUROPHYSIOLOGY AND CHRONOBIOLOGY, INSTITUTE OF ZOOLOGY, JAGIELLONIAN UNIVERSITY,
KRAKOW, POLÓNDIA.

P0839 - CURCUMIN MODULATES GSK-3B AND PREVENTS REDUCTION OF SYNAPTOGENESIS IN ANIMAL MODEL OF
MANIA KETAMINE-INDUCED

LETÍCIA NEBEL COSTA¹; MARTA GAZAL²; DANIELA POCHMANN²; FERNANDA KAUFMANN¹; MATHEUS VALENTE¹;
CLARISSA BASTOS¹; CLAITON LENCINA²; FRANCIELI STEFANELLO²; LISIANE PORCIÚNCULA²; MANUELLA KASTER¹;
GABRIELE GHISLENI¹

1.UNIVERSIDADE CATÓLICA DE PELOTAS, PELOTAS, RS, BRASIL; 2.UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS,
RS, BRASIL.

P0840 - NETWORK STABILITY IS MAINTAINED IN FACE OF LEARNING-INDUCED AND SYNAPTIC ACTIVATION-INDUCED
PLASTICITY

LUNA JAMMAL; EDI BARKAI
UNIVERSITY OF HAIFA, HAIFA, ISRAEL.

P0841 - THE STRUCTURE OF THE AGEING BRAIN

CORRADO CALI¹; MARTA WAWRZYŃIAK²; GRAHAM KNOTT³

1.KAUST, THUWAL, ARÁBIA SAUDITA; 2.INTERNATIONAL INSTITUTE OF MOLECULAR AND CELL BIOLOGY, WARSAW,
POLÓNDIA; 3.EPFL, LAUSANNE, SUÍÇA.

P0842 - DARPP-32 IS REGULATED BY DOPAMINE IN THE DEVELOPING ZEBRAFISH BRAIN

BRUNO REZENDE DE SOUZA¹; VINCENT TROPEPE²; MARCO AURELIO ROMANO-SILVA¹

1.UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL; 2.UNIVERSITY OF TORONTO, TORONTO,
CANADÁ.

P0843 - IDENTIFIED CELLULAR CORRELATES OF ~200 HZ AND SPINDLE OSCILLATIONS DURING NATURAL SLOW WAVE
SLEEP

GABOR TAMAS; ROBERT AVERKIN; VIKTOR SZEMENYEI; SÁNDOR BORDÉ
MTA-SZTE RESEARCH GROUP FOR CORTICAL MICROCIRCUITS, UNIVERSITY OF SZEGED, SZEGED, HUNGRIA.

P0844 - HOMOGENEOUS NEURONAL POPULATIONS OF THE PARAVENTRICULAR NUCLEUS OF THALAMUS TEMPORALLY
COORDINATE WITH THE NUCLEUS ACCUMBENS.

ERNESTO EDGARDO DURÁN; MARCELO STOCKLE; ARIEL LARA; DAVID NEIRA; NELSON ESPINOSA; PABLO FUENTEALBA
PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE, SANTIAGO, CHILE.

P0845 - STATISTICAL ANALYSIS FOR ACTIVITY OF PLACE CELLS IN THE HIPPOCAMPUS OF FREELY MOVING RATS

JADER PERES DA SILVA; MARCO AURELIO PIRES IDIART
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL (UFRGS), PORTO ALEGRE, RS, BRASIL.

P0846 - A COMPUTATIONAL MODEL OF LGN-V1 DYNAMICS AND THE EMERGENCE OF GAMMA-BAND RHYTHMS

HOMERO BARROCAS SOARES ESMERALDO¹; ANDRE M BASTOS²; HENRY ALITTO¹; GEORGE R MANGUN¹; W MARTIN
USREY¹

1.UNIVERSITY OF CALIFORNIA DAVIS, DAVIS, ESTADOS UNIDOS; 2.1. UNIVERSITY OF CALIFORNIA DAVIS, DAVIS, CA -
UNITED STATES 2.2 PICOWER INST. FOR LEARNING AND MEMORY, CAMBRIDGE, MA - UNITED STATES, 2.3 ERNST
STRÜNGMANN INSTITUTE (ESI) FOR NEUROSCIENCE IN COOPERATION WITH MAX PLANCK SOCIETY, FRANKFURT,
ALEMANHA.



P0847 - PHASIC AND TONIC ACTIVATION OF GABA-A RECEPTORS DIFFERENTIALLY REGULATES CL- DYNAMICS DEPENDING ON NETWORK STATE

ANDREI ILIE; COLIN JON AKERMAN

UNIVERSITY OF OXFORD, OXFORD, REINO UNIDO.

P0848 - HIPPOCAMPAL SINGLE-UNIT FIRING PATTERNS ON AN EXPERIMENTAL EPILEPSY MODEL

BELÉN GORI¹; MILAGROS GALARDI¹; ALEJANDRO BLENKMANN¹; GERARDO BATTAGLIA²; SILVIA KOCHEN¹

1.CENTER OF CLINICAL AND EXPERIMENTAL NEUROSCIENCE, INSTITUTE OF CELL BIOLOGY AND NEUROSCIENCE (IBCN-CONICET), SCHOOL OF MEDICINE, UNIVERSITY OF BUENOS AIRES, BUENOS AIRES, ARGENTINA; 2.NATIONAL TECHNOLOGICAL UNIVERSITY, BUENOS AIRES, ARGENTINA.

P0849 - DIVERSE NEURONAL POPULATIONS OF MIDLINE THALAMIC PROJECTION NEURONS ARE DIFFERENTIALLY ENGAGED BY BRAIN STATE

ARIEL FERNANDO LARA VASQUEZ¹; NELSON ESPINOZA¹; ERNESTO DURAND¹; MARCELO STOCKLE¹; PABLO BILLEKE²; PABLO FUENTEALBA¹

1.CENTRO INTERDISCIPLINARIO DE NEUROCIENCIA Y DEPARTAMENTO DE PSIQUIATRÍA, ESCUELA DE MEDICINA, PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE, SANTIAGO, CHILE; 2.CENTRO DE INVESTIGACIÓN EN COMPLEJIDAD SOCIAL, FACULTAD DE GOBIERNO, UNIVERSIDAD DEL DESARROLLO, SANTIAGO, CHILE.

10/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION III - DISORDERS OF THE NERVOUS SYSTEM

P0850 - DOES HYPERGLYCEMIA CHANGE MEMORY PERFORMANCE IN AN ANIMAL MODEL OF CHRONIC CEREBRAL HYPOPERFUSION?

AMANDA NUNES SANTIAGO; CASSIA VALERIO ROMANINI; HUMBERTO MILANI; RUBIA WEFFORT OLIVEIRA

STATE UNIVERSITY OF MARINGÁ, MARINGÁ, PR, BRASIL.

P0851 - CAFFEINE BOOSTS THE BEHAVIORAL SENSITIZATION INDUCED BY A COCA-PASTE SEIZED SAMPLE WITHOUT INVOLVING A POTENTIATION OF DA LEVELS IN NACC CORE

JOSÉ PEDRO PRIETO; MARTÍN GALVALISI; MARCELA MARTÍNEZ; JUAN ANDRÉS ABÍN-CARRIQUIRY; MARÍA CECILIA SCORZA

INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI.

P0852 - REPEATED INTRANASAL ADMINISTRATION OF DELTAMETHRIN AND DEVELOPMENT OF PARKINSONISM SYMPTOMS IN WISTAR RATS

MARINA FREIRE DE SOUZA¹; KATTY ANNE AMADOR DE LUCENA¹; LÍVIA CRISTINA RODRIGUES FERREIRA LINS¹; RACHEL ROCHA CINTRA¹; JOSÉ MARCOS MENESES BIS

P01; GIORDANO GUBERT VIOLA¹; MARCOS AURÉLIO FREIRE²; MURILO MARCHIORO¹; JOSÉ RONALDO DOS SANTOS³

1.UNIVERSIDADE FEDERAL DE SERGIPE, ARACJAU, SE, BRASIL; 2.UNIVERSIDADE POTIGUAR, NATAL, RN, BRASIL;

3.DEPARTAMENTO DE BIOCÍENCIA DE ITABAIANA, ITABAIANA, SE, BRASIL.

P0853 - OVEREXPRESSION OF E3 LIGASE AND CO-CHAPERONE CHIP PREVENTS CELL DEATH INDUCED BY HIPOXIA AND ENDOPLASMIC RETICULUM STRESS IN THE HIPPOCAMPUS

FELIPE CABRAL MIRANDA; JULIANA ADAO NOVAES; HILDA PETRS-SILVA; LUCIANA BARRETO CHIARINI

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0854 - NEUROPROTECTOR EFFECT OF N-ACETYLCYSTEINE ON BEHAVIOR AND BRAIN GLUTATHIONE LEVELS IN FEMALE PERIADOLESCENT RATS SUBMITTED TO NICOTINE-INDUCED KINDLING
 ADRIANO JOSÉ MAIA CHAVES; ADRIANA MARY NUNES COSTA; PATRÍCIA XAVIER LIMA GOMES; GERSILENE VALENTE DE OLIVEIRA; FERNANDA YVELIZE RAMOS DE ARAÚJO; CAMILA NAYANE CARVALHO LIMA; TATIANE DA SILVA ARAUJO; ANA ISABELLE GÓIS QUEIROZ; FRANCISCA TACIANA SOUSA RODRIGUES; RAFAELA CARNEIRO CORDEIRO; GERMANA SILVA VASCONCELOS; DANIELLE SILVEIRA MACEDO
 FEDERAL UNIVERSITY OF CEARA, FORTALEZA, CE, BRASIL.

P0855 - ANTICONVULSANT ACTIVITY OF ROSMARINIC ACID IN MICE
 THAÍZE LOPES DE SOUZA; JÉSSICA GRIGOLETTO; LEANDRO RODRIGO RIBEIRO; VINÍCIUS RAFAEL FUNCK; ANA CLAUDIA BECK GRAUNCKE; CLARISSA VASCONCELOS DE OLIVEIRA; MAURO SCHNEIDER OLIVEIRA
 FEDERAL UNIVERSITY OF SANTA MARIA, SANTA MARIA, RS, BRASIL.

P0856 - ASTROCYTES FROM ADULT WISTAR RATS AGED IN VITRO SHOW CHANGES IN GLIAL FUNCTIONALITY
 DÉBORA GUERINI SOUZA; BRUNA BELLAYER; GUSTAVO SANTOS RAUPP; DIOGO ONOFRE SOUZA; ANDRÉ QUINCOZES-SANTOS
 FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0857 - TEMPORALLY AND SUBREGIONALLY SPECIFIC INVOLVEMENT OF HIPPOCAMPAL NEUREGULIN-1/ERBB3 SIGNALING IN NEUROGENESIS, AFFECTIVE REGULATION, AND PSYCHOPATHOLOGY
 IAN DOUGLAS MAHAR1; BENOIT LABONTE1; JUAN-PABLO LOPEZ1; ANGUS MACISAAC1; JOHN KIM1; ELSA ISINGRINI2; LEA PERRET2; STEPHANIE TAN1; MARIA ANTONIETTA DAVOLI1; SERGIO DOMINGUEZ-LOPEZ1; CALVIN QIANG1; ADELINE RACHALSKI1; BRUNO GIROS2; GUSTAVO TURECKI1; NAGUIB MECHAWAR1
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P0858 - SPONTANEOUSLY HYPERTENSIVE RATS (SHR) ARE RESILIENT TO A RESERPINE-INDUCED MODEL OF PARKINSON'S DISEASE
 ANDERSON HENRIQUE FRANÇA FIGUEREDO LEÃO1; YWLLIANE S.R. MEURER1; ANATILDES F. SILVA1; ALESSANDRA M. RIBEIRO2; REGINA H. SILVA2
 1.FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 2.FEDERAL UNIVERSITY OF SÃO PAULO, SANTOS, SP, BRASIL.

P0859 - LONG-TERM NMDAR ANTAGONISM LINKS REDUCED ASTROCYTIC GLUTAMATE UPTAKE AND ANXIETY-LIKE PHENOTYPE
 VITOR ROCCO TORREZ1; EDUARDO RIGON ZIMMER1; MARINA COUTINHO AUGUSTIN1; EDUARDO KALININE1; KAMILA CAGLIARI ZENKI1; ROBERTO FARINA ALMEIDA1; MARCELO SALIMEN RODOLPHI1; ALEXANDRE PASTORIS MULLER2; DIOGO ONOFRE SOUZA1; RODRIGO MACHADO-VIEIRA3; LUIS VALMOR PORTELA1
 1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.UNESC, CRICIUMA, SC, BRASIL; 3.USP, SAO PAULO, SP, BRASIL.

P0860 - ARGINYLATED CALRETICULIN MODULATES THE SENSITIVITY OF HUMAN GLIOMA-DERIVED CANCER CELLS TO BORTEZOMIB TREATMENT
 ANDREA COMBA; VICTOR ENRIQUE GOITEA; MAURICIO RAUL GALIANO
 CENTRO DE INVESTIGACIONES EN QUÍMICA BIOLÓGICA DE CÓRDOBA (CIQUIBIC), CONICET Y DEPARTAMENTO DE QUÍMICA BIOLÓGICA, FACULTAD DE CIENCIAS QUÍMICAS, UNIVERSIDAD NACIONAL CÓRDOBA, CORDOBA, ARGENTINA.

P0861 - AGATHISFLAVONE A PRO-ESTROGENIC FLAVONOID INDUCES NEUROGENESIS AND PROTECT AGAINST GLUTAMATE EXCITOTOXICITY



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P0862 - DEFENSIVE-LIKE RESPONSES INDUCED BY NITRIC OXIDE WITHIN THE BED NUCLEUS OF STRIA TERMINALIS IN MICE: ROLE OF CRF1 AND NMDA RECEPTORS

MATHEUS PEGORARO FARIA¹; RICARDO LUIZ NUNES DE SOUZA¹; TARCISO TADEU MIGUEL²; KARINA SANTOS GOMES¹

1.UNIVERSIDADE ESTADUAL PAULISTA, ARARAQUARA, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE UBERLÂNDIA, UBERLÂNDIA, MG, BRASIL.

P0863 - INFLUENCE OF SYSTEMIC INFLAMMATION ON AN EXPERIMENTAL MODEL OF PROGRESSIVE MULTIPLE SCLEROSIS

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P0864 - NEUROPROTECTIVE PROPERTIES OF THE CHOLINESTERASE INHIBITOR ALKALOID EXTRACT OF HUPERZIA QUADRIFARIATA ON EXPERIMENTAL NEONATAL HYPOXIA-ISCHEMIA IN RATS.

FELIPE KAWA ODORCYK; EDARDO SANCHES; JANAÍNA KOLLING; CASSIANA SIEBERT; ALINE LONGONI; EDUARDO KONRATH; ANGELA WYSE; CARLOS ALEXANDRE NETTO

UFRGS, PORTO ALEGRE, RS, BRASIL.

P0865 - NOCICEPTION, OLFACTORY FUNCTION AND MOTOR ACTIVITY OF WISTAR RATS SUBJECTED TO A PARKINSONISM MODEL INDUCED BY LOW AND REPEATED DOSES OF RESERPINE.

RACHEL ROCHA CINTRA¹; LÍVIA CRISTINA RODRIGUES FERREIRA LINS¹; MARINA FREIRE DE SOUZA¹; KATY ANNE AMADOR DE LUCENA MEDEIROS¹; RODOLFO DOS SANTOS DA SILVA¹; MIKAELY APARECIDA GOIS OLIVEIRA¹; MÔNICA SANTOS DE MELO¹; LUCINDO JOSÉ QUINTANS JUNIOR¹; GIORDANO GOUBERT VIOLA¹; REGINA HELENA DA SILVA²; ALESSANDRA MUSSI RIBEIRO²; AUDERLAM MENDONÇA DE GOIS¹; MARCOS MENESES BISPO¹; JOSÉ RONALDO DOS SANTOS¹; MURILO MARCHIORO¹

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P0866 - EFFECTS OF ADENOSINERGIC DRUGS ON CONTEXTUAL FEAR CONDITIONING, SOCIAL INTERACTION AND LOCOMOTION IN AN ANIMAL MODEL OF SCHIZOPHRENIA

ALINE CAMARGO RAMOS; BIANCA AVANSI CAMERINI; DOUGLAS ALBUQUERQUE GOUVÊA; NEIDE DERCI; MAYRA AKIMI SUIAMA; ANA MARIA VENDRAMINI; VANESSA COSTHEK ABÍLIO; MARIANA BENDLIN CALZAVARA

UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0867 - SOLUBLE FACTORS RELEASED BY NEOSPORA CANINUM - INFECTED ASTROCYTES PREVENT NEURONAL DEGENERATION

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P0868 - BRAIN-DERIVED NEUROTROPHIC FACTOR EXPRESSION LEVELS IN THE HIPPOCAMPUS AND RETROSPLLENAL CORTEX AND ITS ASSOCIATION WITH THE AMNESIC EFFECT IN RATS INDUCED BY DIZOCILPINE.

XIMENA LÓPEZ; ANALÍA RICHERI; CECILIA SCORZA
INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI.

P0869 - ALCOHOL USE DISORDER AND INFLAMMATORY CYTOKINES IN A POPULATION SAMPLE OF YOUNG ADULTS
KAMILA FERREIRA LOUREIRO¹; FERNANDA PEDROTTI MOREIRA¹; ALFREDO CARDOSO LHULLIER¹; RICARDO AZEVEDO DA SILVA¹; JACQUELINE FLORES DE OLIVEIRA¹; JOÃO RICARDO CARVALHO MEDEIROS¹; LUIS VALMOR PORTELA¹; DIOGO R. LARA²; LUCIANO DIAS DE MATTOS SOUZA¹; KAREN JANSEN¹; CAROLINA DAVID WIENE¹; JEAN PIERRE OSES¹

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P0870 - CELLULAR AND BIOCHEMICAL RESPONSE AFTER EXPERIMENTAL INTRACEREBRAL HEMORRHAGE
JULIANA DALIBOR NEVES; FABRÍCIO NICOLA; LETÍCIA PETTENUZZO; ADRIANA VIZUETE; EDUARDO SANCHES; FELIPE ODORCYK; CLAUDIA VANZELA; DIRCEU ARISTIMUNHA; CARLOS ALBERTO GONÇALVES; CARLOS ALEXANDRE NETTO UFRGS, PORTO ALEGRE, RS, BRASIL.

P0871 - CANNABIDIOL ATTENUATES EMOTIONAL AND COGNITIVE DEFICITS INDUCED BY TRANSIENT CEREBRAL ISCHEMIA IN MICE

MARCO AURÉLIO MORI¹; ERIKA MEYER¹; LÍGIA MENDES SOARES¹; FRANCISCO GUIMARÃES²; HUMBERTO MILANI¹; RÚBIA WEFFORT DE OLIVEIRA¹

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P0872 - EVALUATION OF THE RELATION BETWEEN ABCB1 3435 C

AYDA LUZ MALAVER SALAMANCA¹; RODRIGO BERNINI BRITO¹; ROSANA PEREIRA VIANELLO²; RODRIGO DA SILVA SANTOS¹; ALINE HELENA SILVA CRUZ¹; PAULO CESAR GHENDINI¹

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P0873 - DETECTING LATENT EEG SIGNS OF BRAIN MATURATION AND DRUG THERAPY BY MEANS OF DRIVING RESPONSES TO INTERMITTENT PHOTIC STIMULATION IN PARTIAL EPILEPSY

VLADIMIR V. LAZAREV; MARIA ALICE GENOFRE; LEONARDO C. DE AZEVEDO

OSWALDO CRUZ FOUNDATION, RIO DE JANEIRO, RJ, BRASIL.

P0874 - LINALOOL REVERSE NEUROPATHOLOGICAL AND BEHAVIORAL IMPAIRMENT IN AGED TRIPLE TRANSGENIC ALZHEIMER'S DISEASE MODEL MICE

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UNIVERSITY OF ANTIOQUIA, MEDELLIN, COLÔMBIA.

P0875 - CELL DEATH CHARACTERIZATION AND DEVELOPMENTAL MILESTONES ANALYSIS AFTER NEONATAL HYPOXIA-ISCHEMIA AND FOLIC ACID TREATMENT

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P0876 - EVALUATION OF THE IMMUNOMODULATORY POTENTIAL OF PLANT-DERIVED FLAVONOIDS RUTIN AND QUERCETIN: APPLICATION IN MULTIPLE SCLEROSIS

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PO877 - PILOCARPINE: A NOVEL PHARMACOLOGICAL ANIMAL MODEL FOR ANXIETY-RELATED DISORDERS?

ANA PAULA RAMOS COSTA¹; ALEXANDRE ADEMAR HOELLER¹; JULIA DALLA CORTE VAZ¹; CLAUDINI HONORIO DE PIERI¹; CILENE LINO DE OLIVEIRA¹; JOHN F CRYAN²; THEREZA CHRISTINA MONTEIRO DE LIMA¹

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PO878 - DEEP BRAIN STIMULATION AT THE INFERIOR COLLICULUS: A NEW ANIMAL MODEL TO STUDY PARADOXICAL KINESIA?

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1. UNIVERSIDADE FEDERAL DE SÃO PAULO, SANTOS, SP, BRASIL; 2. THOMAS RECORDING GMBH, GIESSEN, ALEMANHA.

PO879 - CONTRASTING EFFECTS OF NA⁺, K⁺-ATPASE ACTIVATION ON SEIZURE ACTIVITY IN ACUTE VERSUS CHRONIC MODELS

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PO880 - LOCUS COERULEUS IS INVOLVED IN MOTOR AND NON-MOTOR SYMPTOMS IN A RAT MODEL OF PARKINSONISM INDUCED BY 6-HYDROXYDOPAMINE

TUANE BAZANELLA SAMPAIO; SAMANTHA CRISTIANE LOPES; REINALDO NAOTO TAKAHASHI; RUI DANIEL PREDIGER
UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO881 - COMBINED 1-DNJ AND IBUPROFEN TREATMENT MODULATING MICROGLIAL ACTIVATION AND PHAGOCYTOSIS IN ACUTE MODEL OF PARKINSONISM

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PO882 - CYSLT1 RECEPTOR ACTIVATION DECREASES NA⁺, K⁺-ATPASE ACTIVITY IN HIPPOCAMPAL SLICES FROM MICE

JOSEANE RIGHES MARAFIA; QUÉLI FERNANDES LENZ; FERNANDA ROSSATTO TEMP; LEONARDO MAGNO RAMBO;

LAURA HAUTRIVE MILANESI; ANA CLAUDIA JESSE; CARLOS FERNANDO MELLO

FEDERAL UNIVERSITY OF SANTA MARIA, RS, BRAZIL. - DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, SANTA MARIA, RS, BRASIL.

PO883 - SYSTEMIC INFLAMMATION IN THE CSTB^{-/-} MOUSE: A MODEL FOR PROGRESSIVE MYOCLONUS EPILEPSY

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PO884 - POLYSACCHARIDE EXTRACTS OF GENIPA AMERICANA PRESENT DEPRESSANT EFFECTS IN THE CENTRAL NERVOUS SYSTEM AND ANTICONVULSANT ACTION VIA GABA RECEPTOR

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PO885 - INTRANASAL GUANOSINE ADMINISTRATION: WIDE THERAPEUTIC TIME WINDOW TO REDUCE BRAIN DAMAGE INDUCED BY PERMANENT FOCAL ISCHEMIA IN RATS

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PO886 - FLAVONOID RUTIN IS ABLE TO ACTIVATE MICROGLIA AND PROMOTES GLIOMA CELLS DEATH.

ALESSANDRA BISPO DA SILVA; WILLIAM ALVES SANTOS; KARINA COSTA SILVA; VICTOR DIÓGENES AMARAL DA SILVA; RAMON DOS SANTOS EL BACHA; MARIA DE FÁTIMA DIAS COSTA; SILVIA LIMA COSTA
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PO887 - THE NEUROPROTECTIVE PROPERTY OF MYRACRODRUON URUNDEUVA STANDARDIZED EXTRACT IS PROBABLY RELATED TO ITS DECREASE ON BRAIN COX-2, INOS, TNF-ALPHA AND HDAC IMMUNOREACTIVITIES

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PO888 - KM-34, A NOVEL POTENT ANTIOXIDANT: CHARACTERIZATION OF THE NEUROPROTECTIVE PROPERTIES IN VITRO AND IN VIVO MODELS OF PARKINSON'S DISEASE

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PO²; MAILY WONG GUERRA²; ESTHEL OCHOA RODRÍGUEZ³; YAMILA VERDECIA REYES³; WAGNO ALCANTARA GOMES¹; CLEONICE CREUSA SANTOS¹; VICTOR DIÓGENES AMARAL DA SILVA¹; RENÉ DELGADO HERNÁNDEZ²

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PO889 - SUPPRESSOR OF CYTOKINE SIGNALING 1 GENE DRAMATICALLY INCREASES IN RR-MULTIPLE SCLEROSIS

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PO890 - SYSTEMIC PRENATAL HYPOXIA ISCHEMIA IN RATS LEADS TO NEURONAL LOSS IN DENTATE GYRUS DURING DEVELOPMENT NOT RELATED TO CHANGES IN THE DISTRIBUTION OF NMDAR-2B POSITIVE NEURONS.

CAMILA RODRIGUES DE ATHAYDE PINTO; EVERTON LUIS NUNES COSTA; MARTA CRISTINA DA CUNHA RODRIGUES; GABRIELLE DE PAULA LOPEZ GONZALEZ; JULIANA VAILANT ALCÂNTARA; FRANK TENÓRIO DE ALMEIDA COSTA; PENHA CRISTINA BARRADAS DALTRIO SANTOS

UERJ, RIO DE JANEIRO, RJ, BRASIL.

PO891 - ENGRAFTMENT OF TRANSGENIC HUMAN EMBRYONIC STEM CELL INDUCIBLY OVEREXPRESSING FGF2 LEADS TO NEUROPROTECTION AFTER SPINAL CORD VENTRAL ROOT AVULSION IN RATS



SERGIY KYRYLENKO¹; MARTA R. ARAUJO¹; ALINE B. SPEJO¹; RUI S. FERREIRA JR²; BENEDITO BARRAVIERA²; ALEXANDRE L. R. OLIVEIRA¹

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2. UNIVERSIDADE ESTADUAL PAULISTA - UNESP, BOTUCATU, SP, BRASIL.

PO892 - MELATONIN PREVENTS OLFACTORY IMPAIRMENT INDUCED BY A SINGLE INTRANASAL ADMINISTRATION OF 1-METHYL-4-PHENYL-1,2,3,6-TETRAHYDROPYRIDINE (MPTP) IN MICE

JOSIEL MILENO MACK; TAINARA MENEZES MOURA; ALCIR LUIZ DAFRE; RUI DANIEL PREDIGER

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO893 - FLAVONOID RUTIN PROTECTS PC12 CELL LINE AGAINST CELL DEATH INDUCED BY MPTP

VICTOR DIOGENES AMARAL DA SILVA; VANESSA BONFIM DA SILVA; CLEONICE CREUSA SANTOS; ERICA PATRÍCIA LIMA PEREIRA; SILVIA LIMA COSTA

UNIVERSIDADE FEDERAL DA BAHIA, SALVADOR, BA, BRASIL.

PO894 - FLAVONOID RUTIN PROTECTS AGAINST NEURONAL AND GLIAL CELL DEATH INDUCED BY AMINOCRHOME

CLEONICE CREUSA DOS SANTOS; ERICA PATRICIA LIMA PEREIRA; MARIA SOCORRO GRANGEIRO; VANESSA BONFIM DA SILVA; FILLIPE MENDES DE ARAÚJO; SILVIA LIMA COSTA; VICTOR DIÓGENES AMARAL DA SILVA

UNIVERSIDADE FEDERAL DA BAHIA, SALVADOR, BA, BRASIL.

PO895 - TRAINING IN CLINICAL RESEARCH RELATED TO NEUROSCIENCE AND NEUROLOGY

JULIANA CONTI; SARAH MONTEIRO DOS ANJOS; ADRIANA CONFORTO

HCFMUSP/FFM, SÃO PAULO, SP, BRASIL.

PO896 - RESVERATROL PREVENTS BEHAVIORAL CHANGES IN THE VALPROIC ACID-INDUCED ANIMAL MODEL OF AUTISM

GUSTAVO DELLA FLORA NUNES¹; VICTORIO BAMBINI-JUNIOR¹; MELLANIE FONTES DUTRA DA SILVA¹; WALQUÍRIA SOUZA NUNES¹; GABRIELA ZANOTTO STAEVIE¹; GUILHERME BAUER NEGRINI¹; GABRIELA MUELLER DE MELO¹; RUDIMAR RIESGO²; CARMEM GOTTFRIED¹

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PO897 - EFFECTS OF ENVIRONMENTAL ENRICHMENT ON CELL DENSITY IN NEONATAL HYPOXIC-ISCHEMIC BRAIN

IOHANNA DECKMANN; JOSEANE JIMÉNEZ ROJAS; BRUNA FERRARY DENIZ; JAQUELINE VIEIRA CARLETTI; CLARISSA PEDRINI SCHUCH; RAMIRO DIAZ; SILVIA BARBOSA; TAÍS MALYSZ; LENIR ORLANDI PEREIRA

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO898 - INFRA-LIMBIC ADMINISTRATION OF A SELECTIVE ANTAGONIST FOR DOPAMINE 3 RECEPTORS ON A DEEP BRAIN SELF-STIMULATION TASK IN RATS SUBMITTED TO MILD CHRONIC STRESS

DANIELA MARIN; CHRISTIAN GARCIA; SANTIAGO ZARATE; ALEJANDRO OSORIO-FORERO; KAREN CORREDOR; LAURA A LEON; FERNANDO P CARDENAS

UNIVERSIDAD DE LOS ANDES, BOGOTÁ, COLOMBIA.

PO899 - NEUROINMUNE MODULATION ACTIVITY OF UNCARIA TOMENTOSA ON THE CENTRAL NERVOUS SYSTEM, A MODEL OF NEUROINFLAMMATION INDUCED BY LIPOPOLYSACCHARIDE (LPS) IN EXPERIMENTAL ANIMALS



RICHARD ALEXANDER CISNEROS FERNANDEZ; ROY EDUARDO ANDRADE ESPINOZA; DAYGORO DAVID YSEKI MAITA;
ALEX JUNIOR GONZALES ASENCIO; DORIS ANTHUANET CABALLERO TORRES; CINTHYA VANESSA MINAYA LESCANO;
LUIS ANGEL AGUILAR MENDOZA
UNIVERSIDAD PERUANA CAYETANO HEREDIA, LIMA, PERU.

PO900 - TIME-COURSE ANALYSIS OF PROTEIN AND LIPID OXIDATION IN THE BRAINS OF YAC128 HUNTINGTON'S
DISEASE TRANSGENIC MICE

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BC, CANADÁ.

PO901 - EPILEPSY FOLLOWING LATE BRAIN INSULTS: COGNITIVE AND EMOTIONAL PERFORMANCE OF AGED
PENTYLENETETRAZOL-KINDLED RATS

ATHOS PAULO SANTOS MARTINI; PEDRO LEITE COSTA FRANCO; GABRIEL ROMAN SOUZA; FLÁVIA MAHATMA
SCHNEIDER SOARES; CRISTIANE RIBEIRO DE CARVALHO; ROGER WALZ; ALEXANDRE ADEMAR HOELLER
FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO902 - A NOVEL MODEL OF CORTICAL INFLAMMATION: AN APPROACH FOR ADDRESSING MULTIPLE SCLEROSIS
PATHOLOGY

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2.LELOIR INSTITUTE FOUNDATION, BUENOS AIRES, ARGENTINA.

PO903 - SLOW WAVE SLEEP MODULATION BY TRANSCRANIAL ELECTRICAL STIMULATION IN STRESSED RATS:
EFFECTS ON SPATIAL MEMORY

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PO904 - SEIZURES INDUCED BY THE NERIU OLEANDER ETHANOLIC EXTRACT

MONIQUE CRISTINA BEZERRA DE MORISSON FARIA; NAARA RAFAELA DE LIMA PONCIANO; RAFAELA SILVA MORAES;
MARCOS RAIMUNDO PEREIRA DA SILVA; NATÁLIA CRISTINA SILVA SIQUEIRA; GUILANE LIMA ANAISSI; FERNANDA
FERREIRA DA LUZ; LUIZ SANTOS BATISTA; RÔMULO AGUSTO FEIO FARIAS; VANESSA JÓIA DE MELLO; MOISÉS HAMOY
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PO905 - ELECTROCORTICOGRAM: SIMILARITIES AND DIFFERENCES BETWEEN TWO CONVULSANT MODELS

NAARA RAFAELA DE LIMA PONCIANO; MONIQUE CRISTINA BEZERRA DE MORISSON FARIA; FERNANDA FERREIRA DA
LUZ; LUIZ SANTOS BATISTA; GUILANE LIMA ANAISSI; ROMULO FEIO FARIA; VANESSA JOIA DE MELLO; MOISÉS HAMOY
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PO906 - GUANOSINE PREVENTS CYTOTOXICITY INDUCED BY AZIDE IN C6 ASTROGLIAL CELLS THROUGH HEME
OXYGENASE 1

LARISSA DANIELE BOBERMIN; ANDRÉ QUINCOZES-SANTOS; DÉBORA GUERINI SOUZA; BRUNA BELLAVER; CARLOS-
ALBERTO GONÇALVES; DIOGO ONOFRE SOUZA

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO907 - THE IMPACT OF EARLY-LIFE STRESS ON COGNITIVE PERFORMANCE IN MAJOR DEPRESSIVE DISORDER.



NAYANNE BECKMANN BOSAIP; CRISTIANE VON WERNE BAES; CAMILA MARIA SEVERI MARTINS; MARIO FRANCISCO JURUENA
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P0908 - THERAPEUTIC RESPONSE OF DEPRESSED PATIENTS WITH AND WITHOUT EARLY LIFE STRESS
CAMILA MARIA SEVERI MARTINS; NAYANNE BECKMANN BOSAIP; CRISTIANE VON WERNE BAES; KEIDE FERNANDA UTSULIN; MARIO FRANCISCO JURUENA
UNIVERSIDADE DE SAO PAULO, RIBEIRAO PRETO, SP, BRASIL.

P0909 - NEUROTOXIC METHAMPHETAMINE DOSES INCREASE LINE-1 EXPRESSION IN THE NEUROGENIC ZONES OF THE ADULT RAT BRAIN
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P0910 - MOLECULAR MASS AND SHAPE OF NEUROTOXIC ABETA OLIGOMERS
A SILVA SEBOLLELA¹; GINA-MIRELA MUSTATA²; KEVIN LUO²; PAULINE T VELASCO²; ERIKA N CLINE²; KYLE C WILCOX²; KIRSTEN L VIOLA²; VINAYAK P DRAVID²; WILLIAM L KLEIN²
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P0911 - SHIKONIN PLUS TEMOZOLOMIDE MODULATES THE GLIOBLASTOMA CELL MOTILITY
DIANA MATIAS¹; JOANA BALÇA-SILVA²; ANÁLIA CARMO³; ANA BELA SARMENTO-RIBEIRO²; MARIA CELESTE LOPES⁴; VIVALDO MOURA-NETO⁵
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P0912 - CONSEQUENCES OF TWO TYPES OF SOCIAL DEFEAT STRESS (CONTINUOUS VS. EPISODIC) ON THE STIMULANT EFFECT OF ETHANOL
CRISTIANE APARECIDA FAVORETTO; LIZ PAOLA DOMINGUES; GIOVANA CAMILA MACEDO; ISABEL MARIAN QUADROS
UNIVERSIDADE FEDERAL DE SAO PAULO, SAO PAULO, SP, BRASIL.

P0913 - COMPLEX FORMED WITH RESVERATROL REVERSES THE INHIBITION OF THE ACTIVITY OF THE CYTOSOLIC FRACTION OF CREATINE KINASE IN THE HIPPOCAMPUS OF DIABETIC RATS
VIVIAN SHINOBU KISHIMOTO NISHIHARA; CLÁUDIA GRIGOLO PINTO; NATHANA JAMILLE MEZZOMO; MATHEUS DALLAMÉA BALDISERA; GUILHERME MACHADO DO CARMO; JENIFER KOLLING; JENIFER PASE ZANON; BARBARA DOTTO FONTANA; RODRIGO DE ALMEIDA VAUCHER; RENATA PLATCHECK RAFFIN; VIRGINIA CIELO RECH UNIFRA, SANTA MARIA, RS, BRASIL.

P0914 - THE ACUTE TRANSPLANTATION OF THE STEM CELLS FROM HUMAN EXFOLIATED DECIDUOUS TEETH PROMOTES FUNCTIONAL IMPROVEMENT AND NEUROPROTECTION AFTER THE SPINAL CORD INJURY.
MARÍLIA ROSSATO MARQUES; FABRICIO NICOLA; EDUARDO SANCHES; LUCIANO PALMEIRO RODRIGUES; NATASHA MAURMANN; DANIELA PAVULACK PEREIRA; DIRCEU ARISTIMUNHA; LETICIA PETENUZZO; PATRICIA PRANKE; CARLOS ALEXANDRE NETTO
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P0915 - NEW INSIGHTS OF INSULIN SPATIAL MEMORY SIGNALING IN YOUNG AND AGED HIPPOCAMPUS: THERE IS RELATIONSHIP WITH NEUROINFLAMMATORY INSULIN EFFECTS?

AFONSO KOPCZYNSKI CARVALHO¹; CLARISSA BRANCO HAAS¹; ALEXANDRE PASTORIS MULLER²; LUIS VALMOR PORTELA¹

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P0916 - EFFECTS OF KETAMINE ADMINISTRATION IN CREB, TRKB AND OXIDATIVE DAMAGE AFTER INFUSION OF MEK INHIBITOR

AMANDA LUIZ MACIEL¹; GISLAINE ZILLI REUS; HELENA MENDES ABELAIRA¹; DANIEL PROENÇA FEIJO¹; STEPHANIE E. TITUS¹; CAMILA ORLANDI ARENT¹; MONIQUE MICHELS¹; JAINE R. DA LUZ¹; MARIA AUGUSTA B. DOS SANTOS¹; ANELISE S. CARLESSI¹; BEATRIZ I. MATIAS¹; LIVIA BRUCHCHEN¹; AMANDA V. STECKERT¹; FELIPE DAL-PIZZOL¹; JOÃO QUEVEDO²

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P0917 - MODULATION OF TAU ISOFORMS BY RNA REPROGRAMMING: ANALYSIS OF PHENOTYPIC RESCUE IN A MOUSE MODEL OF TAUOPATHY

SONIA LORENA ESPINDOLA¹; ANA DAMIANICH¹; ZOÉ BLANCK¹; JEAN MARC GALLO²; MARIA ELENA AVALE¹

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P0918 - PRENATAL EXPOSURE TO TRICHOSTATIN A: EPIGENETIC FACTORS AND ANIMAL MODELS OF AUTISM.

TOMASZ SCHNEIDER¹; LAWRENCE BROWN²; STUART PEIRSON²; DAVID BENNERMAN²

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P0919 - TRANSPLANT OF STEM CELLS FROM HUMAN EXFOLIATED DECIDUOUS TEETH PROMOTES NEUROPROTECTION AFTER EXPERIMENTAL SPINAL CORD CONTUSION

FABRÍCIO COUTO NICOLA; EDUARDO SANCHES; MARÍLIA MARQUES; NATASHA MAURMANN; DANIELA PEREIRA; ADRIANA VIZUETE; JULIANA FURTADO; FELIPE ODORCYK; LETÍCIA PETENUZZO; CARLOS GONÇALVES; PATRICIA PRANKE; CARLOS ALEXANDRE NETTO

UFRGS, PORTO ALEGRE, RS, BRASIL.

P0920 - BEHAVIOURAL PHENOTYPES RESCUED IN TAU KNOCK-OUT MICE BY RE-EXPRESSION OF A HUMAN TAU TRANSGENE

ANA DAMIANICH; SONIA ESPINDOLA; MARIA ELENA AVALE

INGEBI-CONICET, BUENOS AIRES, ARGENTINA.

P0921 - ACUTE CARNOSINE ADMINISTRATION IMPROVES MITOCHONDRIAL FUNCTION IN BRAIN OF YOUNG RATS

GUSTAVO DA COSTA FERREIRA¹; LEVY WEICHART MACEDO²; JOSÉ HENRIQUE CARARO²; SOLIANY GRASSI MARAVAI²; CINARA LUDVIG GONCALVES²; GIOVANNA OLIVEIRA²; LUIZA WILGES KIST³; MAURICIO REIS BOGO³; ALAN HIPKISS³; EMILIO LUIZ STRECK⁴; PATRICIA FERNANDA SCHUCK²

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P0922 - BDNF LEVELS ARE DECREASED IN BRAIN OF RATS SUBMITTED TO AN ANIMAL MODEL OF PHENYLKETONURIA

PATRÍCIA FERNANDA SCHUCK¹; MARIANA PASSAMANI REIS¹; TAMIRES PAVEI MACAN¹; LUIZA WILGES KIST²; MATEUS AUGUSTO PASQUALI³; GISELLI SCAINI¹; SCHEROLIN DE OLIVEIRA MARQUES¹; CLAUDIO TEODORO DE SOUZA¹;



MAURICIO REIS BOGO²; JOSE CLAUDIO FONSECA MOREIRA³; DANIEL PENS GELAIN³; VITOR DE MIRANDA RAMOS³; EMILIO LUIZ STRECK¹; GUSTAVO DA COSTA FERREIRA⁴

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P0923 - EAE CHANGES ASTROCYTE MORPHOLOGY AND NUMBER IN A BRAIN REGION SPECIFIC MANNER
JENNIFER ROCHA RODRIGUES; NILTON BARRETO DOS SANTOS; LEONARDO SANTANA NOVAES; JEAN PIERRE SCHATZMANN PERON; CAROLINA DEMARCHI MUNHOZ
INSTITUTE OF BIOMEDICAL SCIENCES - USP, SAO PAULO, SP, BRASIL.

P0924 - EFFECTS OF CONTINUOUS SOCIAL DEFEAT STRESS ON DEPRESSIVE- AND ANXIETY-LIKE BEHAVIORS IN MALE MICE
GIOVANA CAMILA DE MACEDO; GLEICE MIDORI MORITA; LIZ PAOLA DOMINGUES; DEBORAH SUCHECKI; ISABEL MARIAN QUADROS
UNIVERSIDADE FEDERAL DE SAO PAULO, SAO PAULO, SP, BRASIL.

P0925 - CHRONIC TREATMENT WITH TESTOSTERONE IN A MODEL OF PARKINSONISM INDUCED BY RESERPINE
JOSÉ MARCOS MENESES BIS
P01; LÍVIA CRISTINA RODRIGUES FERREIRA LINS¹; POLLYANA CALDEIRA LEAL¹; AUDERLAN MENDONÇA DE GOIS¹; MARINA FREIRE DE SOUZA¹; THAÍS CRISTINA DE SOUZA MELO¹; REGINA HELENA DA SILVA²; ALESSANDRA MUSSI RIBEIRO²; MURILO MARCHIORO³; JOSÉ RONALDO DOS SANTOS⁴
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P0926 - THE REVERSAL EFFECT OF MELATONIN ON KETAMINE-INDUCED SCHIZOPHRENIA-LIKE SYMPTOMS IN MICE
TATIANE DA DA SILVA ARAUJO; ANA ISABELLE GÓIS QUEIROZ; ADRIANO JOSÉ MAIA CHAVES FILHO; FRANCISCA TACIANA SOUSA RODRIGUES; CAMILA NAYANE CARVALHO LIMA; ADRIANA MARY NUNES COSTA; RAFAELA CARNEIRO CORDEIRO; GERMANA SILVA VASCONCELOS; DANIELLE MACÊDO
UFC, FORTALEZA, CE, BRASIL.

P0927 - G-PROTEIN COUPLED ESTROGEN RECEPTOR AGONIST ATTENUATES DAMAGE INDUCED BY OXYGEN/GLUCOSE DEPRIVATION IN PRIMARY CORTICAL CELLS CULTURES
DIELLY CATRINA FAVACHO LOPES; ÉRICA DE ALMEIDA DUQUE; LEONARDO SANTANA NOVAES; NILTON BARRETO DOS SANTOS; GUIOMAR WIEZEL; CRISTOFORO SCAVONE; CAROLINA DEMARCHI MUNHOZ
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P0928 - ELECTROPHYSIOLOGICAL, BEHAVIORAL AND NEUROCHEMICAL ALTERATIONS IN A RAT MODEL OF HEPATIC ENCEPHALOPATHY INDUCED BY SUBTOTAL (92%) HEPATECTOMY.
PEDRO AREND GUZZELLI; GIORDANO CITTOLIN DOS SANTOS; GABRIEL LAZZAROTTO DA SILVA; FRANCISCO JOSE FERREIRA DE LIMA; RAFAEL BERLEZI MACHADO; YASMINE NONOSE; MAYARA PASQUETTI; ROBERTO FARINA ALMEIDA; ADRIANO MACHADO DE ASSIS BRASIL; MARIA ELISA CALCAGNOTTO; DIOGO ONOFRE SOUZA
UFRGS, PORTO ALEGRE, RS, BRASIL.

P0929 - ANIMAL MODEL OF AUTISM SPECTRUM DISORDER INDUCED BY PRENATAL EXPOSURE TO VALPROIC ACID: QUANTITATIVE AND QUALITATIVE ALTERATIONS IN T CELLS OF MURINE LYMPHOID ORGANS
VICTORIO BAMBINI-JUNIOR¹; DIEGO BARONIO²; KAMILA CASTRO²; GUSTAVO DELLA FLORA NUNES³; DANIELA ARÊAS MENDES-DA-CRUZ¹; WILSON SAVINO¹; RUDIMAR RIESGO²; CARMEM GOTTFRIED³



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P0930 - CONSEQUENCES OF ACUTE SOCIAL DEFEAT STRESS ON THE STIMULANT EFFECTS OF ETHANOL IN MICE
LIZ PAOLA DOMINGUES; GIOVANA CAMILA MACEDO; CRISTIANE APARECIDA FAVORETTO; ISABEL MARIAN QUADROS
UNIVERSIDADE FEDERAL DE SAO PAULO, SAO PAULO, SP, BRASIL.

P0931 - CHRONIC ETHANOL CONSUMPTION OR WITHDRAWAL INCREASE NEUROINFLAMMATION MARKERS
EXPRESSION IN MESENCEPHALIC BRAIN AREAS OF RATS: EFFECTS OF INDUCED NITRIC OXIDE SYNTHASE INHIBITION
LETÍCIA PIN COLTRI; VIVIAN TACIANY BO; HUMBERTO MILANI; RÚBIA WEFFORT DE OLIVEIRA
UNIVERSIDADE ESTADUAL DE MARINGA, MARINGA, PR, BRASIL.

P0932 - INVESTIGATION OF THE NEUROPROTECTIVE EFFECT OF ERYTHRINA VELUTINA OF STANDARDIZED EXTRACT IN
MICE SUBJECT TO ISCHEMIA BRAIN
ANA ISABELLE DE GOIS QUEIROZ; FRANCISCA TACIANA SOUSA RODRIGUES; TATIANE DA SILVA ARAÚJO; MARCOS
ROMÁRIO MATOS DE SOUZA; ADRIANO JOSÉ MAIA CHAVES FILHO; ADRIANA MARY NUNES COSTA; CAMILA NAYANE
CARVALHO LIMA; SILVANIA MARIA MENDES VASCONCELOS; RAFAELA CARNEIRO CORDEIRO; GERMANA DA SILVA
VASCONCELOS; DANIELLE MACEDO GASPAR
UNIVERSIDADE FEDERAL DO CEARÁ UFC, FORTALEZA, CE, BRASIL.

P0933 - LIPOSOMES WITH CREATINE PROTECT CHANGES IN CK ACTIVITY CAUSED BY PHE IN THE HIPPOCAMPUS AND
CEREBRAL CORTEX OF RATS
VIRGINIA CIELO RECH; NATHANA JAMILLE MEZZOMO; DIEGO BECKER BORIN; FRANCINE IANISKI; BARBARA DOTTO
FONTANA; RENATA GARCEZ AMARAL; JULIANE BOLZAN; RODRIGO DE ALMEIDA VAUCHER; LIANA DA SILVA
FERNANDES
CENTRO UNIVERSITÁRIO FRANCISCANO, SANTA MARIA, RS, BRASIL.

P0934 - STEREOLOGICAL CHARACTERIZATION OF C-FOS EXPRESSION IN THE DORSOMEDIAL PREFRONTAL CORTEX IN
MICE AFTER COCAINE TREATMENT: INFLUENCE OF ENVIRONMENTAL CONTEXT CONDITIONING
RENAN SANTOS BALDAIA1; EDUARDO ARY MARINHO2; MARILIA ARAUJO BALDAIA3; ANDRÉ WILLIAM HOLLAIS3; THAIS
SUEMI YOKOYAMA3; ALEXANDRE JUSTO LIMA2; ROBERTO FRUSSA FILHO3; BEATRIZ MONTEIRO LONGO3
1. UNIVERSIDADE FEDERA DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2. UNIVERDADE ESTADUAL DE SANTA CRUZ,
ILHEUS, BA, BRASIL; 3. UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

P0935 - BREASTFEED IN SCHIZOPHRENIA INVERSELY ASSOCIATED TO INFLAMMATORY MARKER (CCL11): A CLUE TO
THE PROTECTIVE EFFECT OF HUMAN MILK IN PSYCHOSIS.
PAULO SILVA B ABREU; MARIA INES LOBATO; CLARISSA SEVERINO GAMA; KEILA CERESÉR; LENISE PETTER
FRANCESCONI; KARINE ZORTÉA; VIVIANE CARVALHO FRANCO
UFRGS, PORTO ALEGRE, PA, BRASIL.

P0936 - NEW THERAPEUTIC APPROACHES IN PATIENTS SUFFERING FROM STROKE. THERAPEUTIC INNOVATIONS IN
PATIENTS SUFFERING FROM STROKE.
LUIZA GABRIELA DE ARAUJO FONSECA; ILSA PRISCILA DOS SANTOS BATISTA; MARINA COSTA DE ALBUQUERQUE
OLIVEIRA; HESLI DE SOUSA HOLANDA; RAFAELA FAUSTINO LACERDA DE SOUZA; ANDRÉ LUIS HERNANDEZ PANTOJA;
ANTONIO PEREIRA
UFRN, NATAL, RN, BRASIL.

P0937 - CROSS-SECTIONAL ASSESSMENT OF ALTERATIONS HUNTINGTON'S DISEASE: ON COGNITION, OCULOMOTOR PERFORMANCE, BRAIN FUNCTION, AND BRAIN ANATOMY

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P0938 - YELLOW PROPOLIS ETHANOLIC EXTRACT MEDIATES ANXIOLITIC AND ANTIDEPRESSANT-LIKE ACTIVITIES IN RODENTS

CINTHIA CRISTINA SOUSA DE MENEZES DA SILVEIRA; MALLONE LOPES SILVA; DIANDRA ARAÚJO DA LUZ; ENÉAS DE ANDRADE FONTES-JÚNIOR; MARTA CHAGAS MONTEIRO; CRISTIANE SOCORRO FERRAZ MAIA
UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

P0939 - TRANSIENT RECEPTOR POTENTIAL ANKYRIN 1 (TRPA1) ACTIVATION CONTRIBUTES TO ABO-INDUCED TOXICITY: THE IMPLICATION IN ALZHEIMER'S DISEASE

MAIRA ASSUNCAO ASSUNCAO BICCA¹; EVELYN CRISTINA DA SILVA SANTOS¹; KIRSTEN L VIOLA²; GECIONI LOCH-NECKEL¹; WILLIAM L KLEIN²; JOAO BATISTA CALIXTO¹
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P0940 - ANTIEPILEPTIC ACTIVITY OF THE PEPTIDE NEUROPOLYBIN-961 IN PTZ AND PILOCARPINE-INDUCED SEIZURES IN MICE AND EVALUATION OF POSSIBLE SIDE EFFECTS

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P0941 - SIMVASTATIN-LOADED LIPID-CORE NANOCAPSULES PROTECTS RATS AGAINST MOTOR SKILL LEARNING DEFICITS FOLLOWING QUINOLINIC ACID

CARINA RODRIGUES BOECK; CATIANE BISOGNIN ALVES; FRANCINE RODRIGUES IANISKI; DIEGO BECKER BORIN; LUANA THUMÉ; MARIANA MACHADO CARDOSO; RENATA PLATCHECK RAFFIN
CENTRO UNIVERSITÁRIO FRANCISCANO, SANTA MARIA, RS, BRASIL.

P0942 - DELAYED DEVELOPMENT OF VISUAL FUNCTION IN THE MOUSE MODEL OF DOWN SYNDROME TS65DN

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P0943 - A NEURAL SYSTEMS APPROACH TO RESPIRATORY-TYPE PANIC DISORDER

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P0944 - EVALUATION OF ANXIOLYTIC ACTIVITY OF COMPOUNDS ISOLATED FROM THE VENOM OF THE SOCIAL WASP SYNOECA SURINAMA.

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P0945 - STRUCTURAL CONNECTIVITY IN SIX-YEAR OLD PRENATAL METHAMPHETAMINE EXPOSED CHILDREN

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PO946 - EXERCISE SAVES FRONTOSTRIATAL DOPAMINE AND RELIEVES LIPOPOLYSACCHARIDE-INDUCED SICKNESS BEHAVIOR IN MICE

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PO947 - STRAIN-RELATED MODULATION OF CU(I)-ATPASE IN PRION PROTEIN-DEFICIENT MICE.

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UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO948 - ANTIOXIDANT POTENTIAL OF ALPHA Lipoic ACID IN RODENT MODEL OF FETAL ALCOHOL SYNDROME
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PO949 - AMPHETAMINE-RELATED DRUGS INDUCE NEUROINFLAMMATION AND DOPAMINE NEURON DEGENERATION: ROLE OF AGE

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PO950 - RELATIONSHIP BETWEEN CEREBROSPINAL FLUID LEVELS AND DMN CONNECTIVITY IN AMCI PATIENTS.

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UNIVERSITY OF CAMPINAS, CAMPINAS, SP, BRASIL.

PO951 - NEUROFILAMENT PHOSPHOFORM AND CYTOKINES LEVELS IN 5 YEARS EVOLUTION PATIENTS WITH RRMS AS SURROGATE BLOOD-MARKERS FOR AXONAL INJURY AND INFLAMMATION

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PO952 - PERINATAL ASPHYXIA INDUCED SHORT AND LONG TERM ALTERATIONS IN THE RAT SYNAPTIC ORGANIZATION AND FUNCTION.

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PO953 - CO-ADMINISTRATION OF MIR-302/367 CLUSTER AND VALPROATE ENHANCE BRAIN REPAIR IN HIPPOCAMPUS
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PO954 - EVALUATION OF THE ANTIOXIDANT ACTIVITY OF EXTRACTS OF SOME VARIETIES OF PERSEA AMERICANA ON MODELS IN VITRO AND IN VIVO OF PARKINSON'S DISEASE: THERAPEUTIC STRATEGIES.

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PO955 - IRON AND THE PARKINSONIAN NEUROTOXIN MPP⁺ INDUCES DECREASE NURR1 ACTIVITY – PROTECTION BY IRON CHELATORS.

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PO956 - PRE-TREATMENT WITH METFORMIN ACTIVATES NRF2 ANTIOXIDANT PATHWAYS AND INHIBITS INFLAMMATORY RESPONSES THROUGH INDUCTION OF AMPK AFTER TRANSIENT GLOBAL CEREBRAL ISCHEMIA

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PO957 - JOBELYN ATTENUATES NEURONAL DAMAGE IN THE PREFRONTAL CORTEX IN A BINGE ALCOHOL RAT MODEL OF ALCOHOL DISORDER BY OXIDATIVE STRESS AND REDUCING THE EXPRESSION OF NEURON SPECIFIC ENOLASE PROTEINS

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PO958 - THE HYDROALCOHOLIC EXTRACT OF THE LIVES OF PASSIFLORA CININNATA MAST. PRESENTS BENZODIAZEPINE-LIKE EFFECT IN MICE.

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P0959 - CALPAIN PROTEASE MEDIATE THE AXONAL DEGENERATION INDUCED BY A MODEL OF STATUS EPILEPTICUS IN VITRO

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P0960 - TRKB SIGNALING HAS A KEY ROLE IN SURVIVAL IN A MODEL OF STATUS EPILEPTICUS

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P0961 - DECOUPLING ANHEDONIA FROM OTHER DEPRESSIVE SYMPTOMS IN 6-HYDROXYDOPAMINE RAT MODEL OF PARKINSON'S DISEASE: THE INVOLVEMENT OF DORSOLATERAL STRIATUM AND THE PRE-FRONTAL CORTEX

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P0962 - IMMUNOHISTOCHEMICAL STUDIES OF THE EFFECTS OF COMBINED ADMINISTRATION OF DUOVIR-NTM AND FOLIC ACID ON THE CEREBELLUM OF WISTAR RATS.

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P0963 - STREPTOZOTOCIN INDUCES INSULIN RESISTANCE IN NEURO-2A CELLS IN A NO-DEPENDENT MANNER: IMPLICATIONS ON GSK3-B ACTIVITY, ROS PRODUCTION AND NEURITOGENESIS

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P0964 - TARGETING THE MICROBIOTA-GUT-BRAIN AXIS FOR STRESS-RELATED DISORDERS: PREBIOTICS SELECTIVELY REDUCE ANXIETY AND DEPRESSION-RELATED BEHAVIOUR IN MICE

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P0965 - METHAMPHETAMINE SELF-ADMINISTRATION INDUCES BLOOD-BRAIN BARRIER DYSFUNCTION IN THE RAT HIPPOCAMPUS

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P0966 - AMYLOID- β OLIGOMERS PRODUCE CHANGES IN THE MITOCHONDRIAL PSER727-STAT3 IN PRIMARY HIPPOCAMPAL NEURONS

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P0967 - EPIGENETIC REGULATION OF DEATH OF GLIAL CELLS BUT NOT NEURONS INDUCED BY PHOTODYNAMIC INJURY

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PO968 - GUANOSINE AND INOSINE MODULATES BRAIN GLUTAMATE LEVELS AND INFLAMMATORY RESPONSES IN A SWINE MODEL OF HEMORRHAGIC SHOCK

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PO969 - DIFFERENTIAL DNA METHYLATION PATTERN OF CORTICAL PYRAMIDAL NEURONS BETWEEN LATE ONSET ALZHEIMER'S DISEASE AND CONTROLS

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PO970 - SEXUAL DYSFUNCTION PRECEDES MOTOR DEFECTS AND DOPAMINERGIC NEURONAL DEGENERATION IN DROSOPHILA MODEL OF PARKINSON'S DISEASE

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PO971 - MODULATION OF ENDOGENOUS ASIC CHANNELS EVOKED BY KAINIC ACID IN A MODEL OF SPINAL INJURY
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PO972 - RAT STRIATAL TISSUE 3H-GABA RELEASE: CHARACTERIZATION AND EFFECTS OF EXPERIMENTAL PARKINSONIAN LESION

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PO973 - NEW CHOLINESTERASE INHIBITORS DERIVED FROM CARDANOL FOR ALZHEIMER'S DISEASE

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PO974 - DAMAGE TO THE INFERIOR FRONTO-OCCIPITAL FASCICULUS IN A CASE OF CAPGRAS DELUSION

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PO975 - BRAIN ZINC CHELATION BY DIETHYLDITHIOCARBAMATE INCREASED THE BEHAVIORAL AND MITOCHONDRIAL DAMAGES IN ZEBRAFISH SUBJECTED TO HYPOXIA

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PO976 - GROWTH HORMONE RESTORES THE NEUROGENIC POTENTIAL OF THE AGED SUBVENTRICULAR ZONE
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PO977 - AMYLOID B OLIGOMERS INDUCE LOSS OF BLOOD-CEREBROSPINAL FLUID BARRIER INTEGRITY
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PO978 - INVESTIGATION ON THE ROLE OF THE BH3-ONLY PROTEIN BID IN PROMOTING EXCITOTOXIC NEURONAL INJURY

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PO979 - NEUROPROTECTIVE ACTIVITY AND ACETYLCHOLINESTERASE INHIBITION OF FIVE AMARYLLIDACEAE SPECIES: A COMPARATIVE STUDY

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PO980 - RELATIONSHIP BETWEEN BUTYRYLCHOLINESTERASE ACTIVITY, INFLAMMATION BIOMARKER AND VITAMIN D LEVELS IN PATIENTS WITH MULTIPLE SCLEROSIS

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1.UNIVERSIDADE FEDERAL DE SANTA MARIA, SANTA MARIA, RS, BRASIL; 2.UNIVERSIDADE FEDERAL DE PELOTAS, PELOTAS, RS, BRASIL.

PO981 - ETHANOL INTAKE IN RATS IS NOT CHANGED BY LONG-TERM PHYSICAL EXERCISE AND TESTOSTERONE.
CLEOPATRA S. PLANETA; SHEILA A. ENGI; CARLOS C. CRESTANI

SCHOOL PHARMACEUTICAL SCIENCES UNESP-UNIV. ESTADUAL PAULISTA/JOINT GRADUATE PROGRAM IN PHYSIOLOGICAL SCIENCES UFSCAR/UNESP, ARARAQUARA, SP, BRASIL.

PO982 - ENDOZEPINE-4 IN SEVERE HEPATIC ENCEPHALOPATHY

MICHELE MALAGUARNERA¹; GAETANO BERTINO²; MASSIMO MOTTA²; FILIPPO DRAGO³; MANUELA PENNISI³



1. RESEARCH CENTER “LA GRANDE SENESCENZA” UNIVERSITY OF CATANIA, ITALY, CATANIA, ITALY; 2. DEPARTMENT OF CLINICAL AND EXPERIMENTAL MEDICINE, UNIVERSITY OF CATANIA, ITALY, CATANIA, ITALY; 3. DEPARTMENT OF BIOMEDICAL AND BIOTECHNOLOGICAL SCIENCES, SCHOOL OF MEDICINE, UNIVERSITY OF CATANIA, ITALY, CATANIA, ITALY.

P0983 - RESPONSES OF NEURONS AND GLIAL CELLS TO PHOTODAMAGE
MARIA NEGINSKAYA; ELENA BEREZHNYA; ANATOLY UZDENSKY
SOUTHERN FEDERAL UNIVERSITY, ROSTOV-ON-DON, RUSSIA.

P0984 - BRAIN DIMORPHISM REVEALED BY QEEG ANALYSIS IN PSYCHOPATH OFFENDERS
ANA AGUSTINA CALZADA REYES¹; ALFREDO ALVAREZ AMADOR²; LÍDICE GALÁN GARCÍA²; MITCHELL VALDÉS SOSA²
1. LEGAL MEDICINE INSTITUTE, HAVANA, CUBA; 2. CUBAN NEUROSCIENCE CENTER, HAVANA, CUBA.

P0985 - PRENATAL STRESS LEADS TO INFLAMMATORY ACTIVATION IN THE ADULT RAT BRAIN – THE ROLE OF MICROGLIA CELLS
JOANNA SLUSARCZYK; EWA TROJAN; KATARZYNA GLOMBIK; AGNIESZKA BASTA-KAIM
INSTITUTE OF PHARMACOLOGY POLISH ACADEMY OF SCIENCES, CRACOW, POLÓNIA.

P0986 - OLFACTORY BULBECTOMY AS A MODEL OF DEPRESSION: BEHAVIORAL, BIOCHEMICAL AND MOLECULAR PARAMETERS IN TIME COURSE ANALYSIS.
ROBERTO FARINA ALMEIDA¹; DOUGLAS LEFFA¹; DANIELE GUILHERMANO MACHADO¹; ANDRÉ QUINCOZES-SANTOS¹; LETICIA FERREIRA PETTENUZZO¹; SAMANTA OLIVEIRA LOUREIRO¹; MARTA FRESCURA DUARTE²; THIAGO DUARTE²; LISIANE OLIVEIRA PORCIÚNCULA¹; MARCELO GANZELLA¹; DIOGO GOMES SOUZA¹
1. UFRGS, PORTO ALEGRE, RS, BRASIL; 2. ULBRA, SANTA MARIA, RS, BRASIL.

P0987 - DECREASED DENSITY OF ADENOSINE A1 RECEPTORS IN THE AMYGDALA OF SUICIDE COMPLETERS
ANNA PLIÁSSOVA¹; ANA CAROLINA XAVIER²; BEATRIZ DA SILVA³; RODRIGO A. CUNHA¹; PAULA CANAS²
1. CNC-CENTER FOR NEUROSCIENCE AND CELL BIOLOGY, UNIVERSITY OF COIMBRA; FACULTY OF MEDICINE, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 2. CNC-CENTER FOR NEUROSCIENCE AND CELL BIOLOGY, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 3. NATIONAL INSTITUTE OF LEGAL MEDICINE AND FORENSIC SCIENCES (INMLCF, I.P.), COIMBRA, PORTUGAL.

P0988 - ROLE OF HEVIN IN THE NEUROPLASTICITY OF COCAINE ADDICTION
VINCENT VIALOU¹; RAPHAËLE MONGREDIEN¹; JIMMY OLUSAKIN¹; AMAIA ERDOZAIN¹; ALEJANDRO ORRICO¹; ERIC NESTLER²; BRUNO GIROS¹
1. UPMC, PARIS, FRANCE; 2. MOUNT SINAI, NEW YORK, ESTADOS UNIDOS.

P0989 - TREADMILL EXERCISE DID NOT ALTER AMYLOID PRECURSOR PROTEIN LEVELS OF HEALTHY AGED RAT HIPPOCAMPUS.
LAURA RECK CECHINEL; KARINE BERTOLDI; GRASIELI RAMOS; MARCELO LAZZARON LAMERS; IONARA RODRIGUES SIQUEIRA
UFRGS, PORTO ALEGRE, RS, BRASIL.

P0990 - PREFRONTAL CORTEX HYPOFUNCTION AFTER REPEATED METHAMPHETAMINE IN MICE: ROLE OF DOPAMINE 1/5 RECEPTORS.
BETINA GONZALEZ¹; CELESTE RIVERO-ECHEGOYEN²; JAVIER A MUÑOZ¹; JEAN LUD CADET³; EDGAR GARCIA-RILL⁴; FRANCISCO J URBANO²; VERONICA BISAGNO¹
1. ININFA, BUENOS AIRES, ARGENTINA; 2. IFIBYNE, BUENOS AIRES, ARGENTINA; 3. NIDA-NIH, BALTIMORE, ESTADOS UNIDOS; 4. UAMS, LITTLE ROCK, ESTADOS UNIDOS.

P0991 - ROLE OF CONNEXIN36 AND CONNEXIN43 IN ISCHEMIC STROKE

LAURA DE MENEZES SANTOS¹; REGINA HANSTEIN²; MARCIA URBAN-MALDONADO²; SYLVIA O SUADICANI²; DAVID C SPRAY²; RENATO ROZENTAL¹

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.ALBERT EINSTEIN COLLEGE OF MEDICINE, NEW YORK, ESTADOS UNIDOS.

P0992 - CHARACTERIZATION OF THE EFFECTS OF EARLY SOCIAL STIMULATION IN A MOUSE MODEL OF AUTISM

MARCOS ANDRÉS CAMPOLONGO; NADIA KAZLAUSKAS; AMAICHA MARA DEPINO

INSTITUTE OF PHYSIOLOGY, MOLECULAR BIOLOGY AND NEUROSCIENCE, BUENOS AIRES, ARGENTINA.

P0993 - LACK OF GALECTIN-3 IMPROVES THE FUNCTIONAL OUTCOME AND TISSUE SPARING BY ATTENUATING INFLAMMATORY RESPONSE AFTER A COMPRESSIVE SPINAL CORD INJURY.

KLAUSS DE ANDRADE MOSTACADA¹; CAIO ANDRADE RODRIGUES PRINS²; DÉA MARIA SERRA VILLA-VERDE³; ANA MARIA BLANCO MARTINEZ¹

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.SOUZA MARQUES / UFRJ, RIO DE JANEIRO, RJ, BRASIL; 3.FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL.

P0994 - ANANDAMIDE REDUCES CELL VIABILITY AND TAU LEVELS IN SH-SY5Y

DANIEL MOREIRA-SILVA; ADRIELE SILVA ALVES OLIVEIRA; SAMYR MACHADO QUEROBINO; ANNA CAROLINA PARRACHO MOTZKO SOARES; TATIANA LIMA FERREIRA; DANIEL CARNEIRO CARRETTIERO

UFABC, SÃO BERNARDO, SP, BRASIL.

P0995 - POSTNATAL ALTERATIONS IN NEUROGLIA ARE NOT ACCOMPANIED BY AN ALTERED PERIPHERAL INFLAMMATORY RESPONSE IN AN ANIMAL MODEL OF AUTISM

NADIA KAZLAUSKAS; LUCIANA LUCCHINA; MARCOS CAMPOLONGO; AMAICHA MARA DEPINO

IFIBYNE, UBA-CONICET, CABA, ARGENTINA.

P0996 - NEURONAL, GLIAL AND HIPPOCAMPAL NEWBORN LINEAGE CELLS IN INFANTILE RASMUSSEN'S ENCEPHALITIS PATIENTS.

ELANE MAGNO¹; ROLAND CORAS²; INGMAR BLÜMCKE²; ESPER CAVALHEIRO¹

1.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.FRIEDRICH ALEXANDER UNIVERSITY ERLANGEN NUREMBERG, ERLANGEN, ALEMANHA.

P0997 - SEROTONINERGIC AND ENDOCANNABINOID SYSTEMS MODULATION EFFECTS ON PRE-PULSE INHIBITION OF STARTLE REFLEX IN A PHARMACOLOGICAL ANIMAL MODEL OF SCHIZOPHRENIA

MICHELE VASCONCELOS MACENA; EDUARDO RODRIGUES PEREIRA; CAMILA SUTTER DE OLIVEIRA HAMMES;

FERNANDA MAIA LESSA PINHEIRO; GILDA ANGELA NEVES

FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P0998 - OVEREXPRESSION OF VEGF IN RABBIT RETINAS TREATED WITH ANTI-VEGF DRUGS.

GABRIELA HOLLMANN¹; MARIA ALICE FUSCO²; ANNY DE OLIVEIRA FONTES¹; RICARDO MIGUEL JAPIASSU³; SILVANA ALLODI¹

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO - UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.MARINHA DO BRASIL, RIO DE JANEIRO, RJ, BRASIL; 3.UNIVERSIDADE FEDERAL DE SÃO PAULO - UNIFESP, SÃO PAULO, SP, BRASIL.

P0999 - LIPID-LADEN CELLS IN THE AGING BRAIN: DIFFERENTIAL DISTRIBUTION AND PHENOTYPIC HETEROGENEITY

VALERIA DE DE MELLO COELHO¹; LARISSA G. P. LANGHI¹; INGRID CORDEIRO¹; JOSE BRITO²; CLAUDIA M.C.

BATISTA¹; MARK M MATTSON³; MARILIA K SHIMABUKURO¹



1.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 3.NATIONAL INSTITUTE ON AGING, BALTIMORE, ESTADOS UNIDOS.

10/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION III - SENSORY AND MOTOR SYSTEMS

PO1000 - CHROMATIC VISUAL EVOKED CORTICAL POTENTIAL ELICITED BY PSEUDOISOCROMATIC AND SINUSOIDAL GRATINGS: INFLUENCE OF SPATIAL FREQUENCY AND COLOUR CONTRAST
RAILSON CRUZ SALOMAO; GIVAGO SOUZA DA SILVA SOUZA; DIEGO LEITE GUIMARÃES; BARBARA BEGOT OLIVEIRA RISUENHO; ISABELLE CHRISTINE VIEIRA DA SILVA MARTINS; LUIZ CARLOS DE LIMA SILVEIRA
UNIVERSIDADE FEDERAL DO PARA, BELEM, PA, BRASIL.

PO1001 - ANTINOCICEPTIVE EFFECT OF INTRAPERITONEAL AND ORAL ADMINISTRATION OF VITAMINS C AND E IN RATS WITH NEUROPATHIC PAIN.
ANA PAULA KONZEN RIFFEL; JÉSSICA ARAUJO SOUZA; ANDRÉA HORST; TAÍNA SCHEID; CAROLINA KOLBERG; MARIA QUEVEDO; WANIA APARECIDA PARTATA
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO1002 - DYNAMIC FUNCTIONAL CONNECTIVITY REFLECTS COMPLEX AUDIOVISUAL SCENES CHANGES DURING COGNITIVE PROCESSING.
MICHAEL ORTIZ; FREDERICO A.C. AZEVEDO; LEONARDO C. AZEVEDO; DÁVID Z. BALLA; GABRIELE LOHMANN; NIKOS K. LOGOTHETIS; GEORGIOS KELIRIS
MAX PLANCK INSTITUTE, TUEBINGEN, ALEMANHA.

PO1003 - GERANIOL INDUCES SEDATION IN WISTAR RATS
KATTY ANNE AMADOR DE LUCENA MEDEIROS; MARINA FREIRE DE SOUZA; THAÍS CRISTINA DE SOUZA MELO; RACHEL ROCHA CINTRA; LÍVIA CRISTINA RODRIGUES FERREIRA LINS; LUCIANO DE GOIS SANTOS; AUDERLAN MENDONÇA DE GOIS; JOSÉ RONALDO DOS SANTOS; MURILO MARCHIORO
UNIVERSIDADE FEDERAL DE SERGIPE, SÃO CRISTÓVÃO, SE, BRASIL.

PO1004 - DECOMPOSING THE PATTERN OF PREDICTIVE SACCADDES: FUNCTIONAL NEUROANATOMY OF PREDICTION IN CHILDREN AND ADULTS.
KATERINA LUKASOVA¹; MARIANA NUCCI DA SILVA¹; RAYMUNDO MACHADO DE AZEVEDO NETO¹; GILSON VIEIRA¹; JOÃO RICARDO SATO²; EDSON AMARO¹
1.FMUSP, SÃO PAULO, SP, BRASIL; 2.UFABC, SÃO PAULO, SP, BRASIL.

PO1005 - MUSICAL HALLUCINATIONS – A DOCUMENTED BUT UNCLEAR INTERLUDE BETWEEN SENSORY SCIENCE AND PSYCHIATRY
M ANGELA GUIMARÃES FEITOSA; HÉLIDA ARRAIS COSTA; WÂNIA CRISTINA SOUZA
, UNIVERSITY OF BRASÍLIA, BRASÍLIA, DF, BRASIL.

PO1006 - TEMPORAL COURSE OF ORIENTATION TUNING IN THE VISUAL WULST OF THE BARN OWL (TYTO ALBA)
CLAUDIANA SOUZA AMORIM; JOÃO PAULO MACHADO SOUSA; JEROME BARON
UFMG, BELO HORIZONTE, MG, BRASIL.

PO1007 - VISUAL ATTENTION IN CHILDREN AND ADOLESCENTS WITH ATTENTION DEFICIT HYPERACTIVITY DISORDER



VALÉRIA REIS DO CANTO PEREIRA¹; M ANGELA GUIMARÃES FEITOSA¹; LUIZ HENRIQUE MOURÃO DO CANTO PEREIRA²; WÂNIA CRISTINA DE SOUZA¹

1.UNIVERSITY OF BRASÍLIA, BRASÍLIA, DF, BRASIL; 2.MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION, BRASÍLIA, DF, BRASIL.

PO1008 - THE STATE OF THE ART ON HEARING TRAINING IN NOISE CONDITION AIMED AT OLDER ADULTS WITH PRESBYCUSIS

LUCIANA CARELLI HENRIQUES DE ANDRADE; MARIA ANGELA GUIMARÃES FEITOSA
UNIVERSIDADE DE BRASÍLIA, BRASÍLIA, DF, BRASIL.

PO1009 - NEUROMODULATION BY FAR-INFRARED EMITTING CERAMIC MATERIAL IN AN ANIMAL MODEL OF PERSISTENT INFLAMMATORY PAIN

LEIDIANE MAZZARDO MARTINS¹; FRANCISCO J. CIDRAL-FILHO²; ALINE A. EMER²; ANA BATISTI²; AMANDA V. STECKET³; JOÃO QUEVEDO³; FRANCIANE BOBINSKI¹; CLARISSA M. COMIM²; DANIEL F. MARTINS²
1.UNIVERSITY FEDERAL OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL; 2.UNIVERSITY OF SOUTHERN SANTA CATARINA, PALHOÇA, SC, BRASIL; 3.UNESC, CRICIÚMA, SC, BRASIL.

PO1010 - FAR-INFRARED EMITTING CERAMIC MATERIAL-IMPREGNATED FABRICS REDUCES PAIN AND IMPROVES QUALITY OF LIFE IN PATIENTS WITH FIBROMYALGIA: DOUBLE-BLINDED RANDOMIZED PLACEBO CONTROLLED TRIAL
DANIEL FERNANDES MARTINS¹; DAIANA SALM¹; LUIZ A. O. BELMONTE¹; THIAGO C MARTINS²; ALINE A. EMER¹; LARISSA S. LEONEL¹; RÔMULO N BRITO¹; CINTHIA C. ROCHA¹; JOÃO N. M. CRUZ¹; FRANCISCO J. CIDRAL-FILHO¹; DIOGO REIS²; ANTÔNIO R. P. MORO²

1.UNIVERSITY OF SOUTHERN SANTA CATARINA, PALHOÇA, SC, BRASIL; 2.UNIVERSITY FEDERAL OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO1011 - CORRELATION BETWEEN CORTICAL EXCITABILITY AND BRAIN INJURY TIME AFTER STROKE

GABRIELA MAGALHAES PEREIRA; DIEGO BULÇÃO VISCO; RACKLAYNE RAMOS CAVALCANTI; ARTHUR CELLYS TAVARES DA SILVA; WAYDJA LANIA VIRGINIA DE ARAUJO MARINHO; GABRIELA CARLA VASCONCELOS MARTINS; RAFAELLA SANTOS CARVALHO; DORALUCIA PEDROSA DE ARAUJO
UEPB, CAMPINA GRANDE, PB, BRASIL.

PO1012 - ASSESSMENT AND TREATMENT THROUGH REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION OF PARETIC UPPER LIMB AFTER STROKE

DIEGO BULCAO VISCO; GABRIELA MAGALHAES PEREIRA; RACKLAYNE RAMOS CAVALCANTI; WAYDJA LANIA VIRGINIA DE ARAÚJO MARINHO; RAFAELLA SANTOS CARVALHO; GABRIELA CARLA VASCONCELOS MARTINS; ARTHUR CELLYS TAVARES DA SILVA; DORALUCIA PEDROSA DE ARAÚJO
UNIVERSIDADE ESTADUAL DA PARAÍBA, CAMPINA GRANDE, PB, BRASIL.

PO1013 - ROLE OF OREXIN IN OPIOID TOLERANCE AND DEPENDENCE

ELAHEH ERAMI; HASSAN AZHDARI ZARMEHRI
DEPARTMENT OF BASIC SCIENCES, TORBATE HEYDARYYEH UNIVERSITY OF MEDICAL SCIENCES, TORBATE HEYDARYYEH, IRAN.

PO1014 - EVIDENCE FOR MEMORY CONSOLIDATION IN SENSORIMOTOR ADAPTATION: A 24H RESTING-STATE FMRI STUDY.

VALERIA DELLA-MAGGIORE¹; JORGE I VILLALTA¹; NATASA KOVACEVIC²; ANTHONY R MCINTOSH²
1.DEPARTMENT OF PHYSIOLOGY, SCHOOL OF MEDICINE, UNIVERSITY OF BUENOS AIRES, BUENOS AIRES, ARGENTINA;
2.ROTMAN RESEARCH INSTITUTE, UNIVERSITY OF TORONTO, TORONTO, CANADÁ.

PO1015 - LACK OF ADENYLATE CYCLASE 1 (AC1) AFFECT CORTICOSPINAL TRACT DEVELOPMENT AND LOCOMOTOR RECOVERY AFTER SPINAL CORD INJURY

HANANE NAIT NAIT TALEB ALI¹; MARIE-PIERRE MOREL MOREL²; MOHAMED DOULAZMI DOULAZMI²; SOPHIE SCOTTO-LOMASSESE SCOTTO-LOMASSESE³; PATRICIA GASPAR GASPAR³; ISABELLE DUSART DUSART²; MOHAMED BENNIS BENNIS¹

1.LAB PHARMACOLOGY,NEUROBIOLOGY&BEHAVIOR (URAC-37),, MARRAKECH, MARROCOS; 2.UNIVERSITÉ PIERRE ET MARIE CURIE, PARIS, FRANÇA; 3.INSTITUT DU FER A MOULIN, PARIS, FRANÇA.

PO1016 - MAPPING EMOTION AS AN EMBODIED COGNITION MARKER

INÊS VIEGAS HIPÓLITO

CENTRE FOR ARTIFICIAL INTELLIGENCE UNIVERSIDADE NOVA DE LISBOA, SALVATERRA DE MAGOS, PORTUGAL.

PO1017 - INCREASED LEVELS OF INTERLEUKIN-1B TRIGGERED BY ELEVATED GLUCOSE IN RETINAL NEURAL CELL CULTURES ARE CORRELATED WITH MICROGLIA ACTIVATION AND DECREASED GLIAL CELL PROLIFERATION

FILIPA ISABEL BAPTISTA; CÉLIA A AVELEIRA; ÁUREA F CASTILHO; CAROLINA FERNANDES; NÚRIA SIMÕES; ANTÓNIO F AMBRÓSIO

INSTITUTE FOR BIOMEDICAL IMAGING AND LIFE SCIENCES, IBILI, FACULTY OF MEDICINE, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL.

PO1018 - A CIRCULAR MODEL FOR SONG MOTOR CONTROL IN SERINUS CANARIA

RODRIGO GOGUI ALONSO¹; MARCOS A TREVISAN¹; ANA AMADOR¹; FRANZ GOLLER²; GABRIEL B MINDLIN¹

1.PHYSICS DEPARTMENT, FACULTAD DE CIENCIAS EXACTAS Y NATURALES, UNIVERSITY OF BUENOS AIRES AND IFIBA, CONICET, BUENOS AIRES, ARGENTINA; 2.DEPARTMENT OF BIOLOGY, UNIVERSITY OF UTAH, SALT LAKE CITY, ESTADOS UNIDOS.

PO1019 - BEHAVIORAL STUDY OF TRPA1 AND TRPV1 CHANNELS INACTIVATION BY NSAIDS

MERAB TSAGARELI; IVLIANE NOZADZE; NANA TSIKLAURI; GULNAZ GURTSKAIA; ELENE ABZIANIDZE

BERITASHVILI EXP BMC, TBILISI, GEORGIA.

PO1020 - DORSAL STRIATUM D1-EXPRESSING NEURONS ARE INVOLVED IN SENSORIMOTOR GATING ON PREPULSE INHIBITION TEST

SAMANTA RODRIGUES¹; CRISTIANE SALUM¹; MARIA GABRIELA MENEZES OLIVEIRA²; TATIANA LIMA FERREIRA¹

1.UNIVERSIDADE FEDERAL DO ABC, SÃO BERNARDO DO CAMPO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO1021 - PROTOCATECHUIC ACID IS ANALGESIC AT CENTRAL AND PERIPHERAL LEVELS IN MICE

NURCAN BEKTAS; RANA ARSLAN; DILARA NEMUTLU

ANADOLU UNIVERSITY, ESKISEHIR, TURQUIA.

PO1022 - FERULIC ACID POSSESSES CENTRAL ANALGESIC ACTIVITY IN MICE

RANA ARSLAN; NURCAN BEKTAS; DILARA NEMUTLU

ANADOLU UNIVERSITY FACULTY OF PHARMACY DEPARTMENT OF PHARMACOLOGY, ESKISEHIR, TURQUIA.

PO1023 - CENTRAL ANTINOCICEPTION INDUCED BY LUTEOLIN

DILARA NEMUTLU; NURCAN BEKTAS; RANA ARSLAN

ANADOLU UNIVERSITY FACULTY OF PHARMACY DEPARTMENT OF PHARMACOLOGY, ESKISEHIR, TURQUIA.

PO1024 - WATCH YOUR STEP USING A STAIRCASE PROCEDURE!

MILTON AUGUSTO VENDRAMINI DE AVILA; JOÃO PEREIRA LEITE; CRISTINA MARTA DELBEN



FMRP/USP, RIBEIRÃO PRETO, SP, BRASIL.

PO1025 - ENHANCING MOTOR NETWORK ACTIVITY USING REAL-TIME FUNCTIONAL MRI NEUROFEEDBACK OF LEFT PREMOTOR CORTEX

THEO MARINS¹; ERIKA RODRIGUES¹; ANNEROSE ENGEL¹; SEBASTIAN HOEFLE¹; RODRIGO BASILIO¹; ROBERTO LENT²; JORGE MOLL¹; FERNANDA TOVAR-MOLL¹

1.D'OR INSTITUTE FOR RESEARCH AND EDUCATION, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1026 - COMPARISON SOME FUNCTIONAL ASSESSMENT METHODS AFTER MEDIAN AND ULNAR NERVES INJURY IN MICE: A GUIDELINE OF FUNCTIONAL RECOVERY

ANA ELISA SPECK¹; JOCEMAR ILHA²; DANIEL FERNANDES MARTINS³; FRANCIANE BOBINSKI¹; ANA PAULA LUIZ¹; ADERBAL SILVA AGUIAR JUNIOR¹; ADAIR ROBERTO SOARES DOS SANTOS¹; ALESSANDRA SWAROWSKY²

1.UFSC, FLORIANÓPOLIS, SC, BRASIL; 2.UDESC, FLORIANÓPOLIS, SC, BRASIL; 3.UNISUL, FLORIANÓPOLIS, SC, BRASIL.

PO1027 - BIOFEEDBACK IN POST-STROKE LOWER LIMB MOTOR REHABILITATION

JORGE RAÚL MAZZEO; GUILLERMO CARLOS CAMPIGLIO

INSTITUTO DE INGENIERÍA BIOMÉDICA - UNIVERSIDAD DE BUENOS AIRES, BUENOS AIRES, ARGENTINA.

PO1028 - ACTIVITY PATTERNS IN THE LATERAL PREFRONTAL CORTEX REFLECT TRIAL PHASE DEPENDENT RESPONSE MODULATIONS

VISHAL KAPOOR; MICHEL BESSERVE; NIKOS K LOGOTHETIS; THEOFANIS I PANAGIOTAROPOULOS

MAX PLANCK INSTITUTE FOR BIOLOGICAL CYBERNETICS, TUEBINGEN, ALEMANHA.

PO1029 - EVALUATION OF PLASTICITY IN VISUAL PATHWAY BY REPETITIVE VISUAL TRAINING

KATARZYNA ZEBER; ANDRZEJ FOIK; PAULINA URBAN; IDA RACIBORSKA; WIOLETTA WALESZCZYK

NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY POLISH ACADEMY OF SCIENCE, WARSAW, POLÔNIA.

PO1030 - TWO-STEP PRINCIPAL COMPONENTS ANALYSIS OF THE AUDITORY N1-P2 EVOKED RESPONSE

DANIEL MÁRCIO RODRIGUES SILVA; DANILO BARBOSA MELGES; RUI ROTHE-NEVES

UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL.

PO1031 - "NAME THAT TUNE": IDENTIFYING MUSICAL PIECES FROM FMRI DATA USING ENCODING AND DECODING MODELS

SEBASTIAN HOEFLE¹; ANNEROSE ENGEL²; RODRIGO BASILIO³; VINO ALLURI⁴; PETRI TOIVAINEN⁵; MAURÍCIO CAGY⁶; JORGE MOLL³

1.D'OR INSTITUTE FOR RESEARCH AND EDUCATION (IDOR) / PEB-COPPE-UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.D'OR INSTITUTE FOR RESEARCH AND EDUCATION (IDOR) - DAY CLINIC/MPI LEIPZIG, LEIPZIG, ALEMANHA; 3.D'OR INSTITUTE FOR RESEARCH AND EDUCATION (IDOR), RIO DE JANEIRO, RJ, BRASIL; 4.SWISS CENTER FOR AFFECTIVE SCIENCES, GENEVA, SUÍÇA; 5.DEPARTMENT OF MUSIC, UNIVERSITY OF JYVÄSKYLÄ, JYVÄSKYLÄ, FINLÂNDIA; 6.PEB-COPPE-UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1032 - BEHAVIORAL ANALYSIS OF THE SUPERIOR COLLICULUS – AMYGDALA NEURAL PATHWAY VIA SUPRA-GENICULATE NUCLEUS: A POSSIBLE VISUAL AVERSIVE SYSTEM

MELISSA M CARDENAS¹; ALEJANDRO OSORIO¹; JHAZMANY DANIEL²; CARDENAS P FERNANDO¹

1.UNIVERSIDAD DE LOS ANDES / UNIVERSIDAD EL BOSQUE, BOGOTÁ, COLÔMBIA; 2.UNIVERSIDAD NACIONAL DE COLOMBIA, BOGOTÁ, COLÔMBIA.

PO1033 - GLUTAMATERGIC SYSTEM INVOLVEMENT IN ACTIVITY ANTINOCICEPTIVE O- EUGENOL



MIRIAN STIEBBE SALVADORI¹; DIOGO VILAR DA FONSECA²; HUMBERTO DE CARVALHO ARAGÃO NETO²; PAULA REGINA RODRIGUES SALGADO²; RENAN MARINHO BRAGA²; MARCELO RICARDO DUTRA CALDAS FILHO²; CYNTHIA GERMOGLIO FARIAS DE MELO²; JOSÉ MARIA BARBOSA FILHO²; REINALDO NÓBREGA DE ALMEIDA²
1.UNIVERSIDADE FEDERAL DE SERGIPE, ARACAJU, SE, BRASIL; 2.UNIVERSIDADE FEDERAL DA PARAIBA, JOÃO PESSOA, PB, BRASIL.

P01034 - INVOLVEMENT OF TRPA1 CHANNEL IN THE MECHANICAL ALLODYNIA IN A MODEL OF NEUROPATHIC PAIN IN RATS

FRANCIELE FRANCO SCARANTE; CARLOS HENRIQUE JESUS; ANNE KAROLINE SCHREIBER; JOICE MARIA DA CUNHA
UNIVERSIDADE FEDERAL DO PARANÁ, CURITIBA, PR, BRASIL.

10/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION III - HOMEOSTATIC AND NEUROENDOCRINE SYSTEMS

P01035 - PREPUBERTAL SOCIAL ISOLATION AND CHRONIC PALATABLE DIET CHANGE OXIDATIVE PARAMETERS IN THE STRIATUM AFTER AN AMPHETAMINE CHALLENGE IN ADULT RATS

CARINE LAMPERT; DANUSA MAR ARCEGO; ANA PAULA TONIAZZO; RACHEL KROLOW; CARLA DALMAZ
UFRGS, PORTO ALEGRE, RS, BRASIL.

P01036 - HIPPOCAMPAL MITOCHONDRIAL FUNCTION AFTER AN OXIDATIVE CHALLENGE IN ADULT RATS SUBJECTED TO STRESS BY ISOLATION IN THE PREPUBERTAL PERIOD: SPECIFIC SEX DIFFERENCES

ANA PAULA TONIAZZO; LETICIA PETTENUZZO; DANUSA MAR ARCEGO; RACHEL KROLOW; CAMILLA LAZZARETTI; CARINE LAMPERT; CARLA DALMAZ
UFRGS- DEPARTAMENTO DE BIOQUÍMICA, PORTO ALEGRE, RS, BRASIL.

P01037 - DIFFERENTIAL FIRING OF NEURONS RECORDED IN THE HIPPOCAMPUS AND RELATED CORTICAL STRUCTURES DURING NATURALLY SLEEP-WAKE CYCLE

BRUNA DEL VECHIO KOIKE¹; KELLY SOARES FARIAS¹; FRANCESCA BILLWILLER²; PIERRE-HERVE LUPPI²; CLAUDIO MARCOS QUEIROZ¹

1.BRAIN INSTITUTE - UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 2.UNIVERSITÉ CLAUDE BERNARD, LYON, FRANÇA.

P01038 - NON-NMDA GLUTAMATE AGONISTS INDUCE SEXUALLY DIMORPHIC C-FOS EXPRESSION IN NESTIN POSITIVE NEURONS IN THE SUPRAOPTIC NUCLEUS OF RAT HYPOTHALAMUS

DUYGU GOK-YURTSEVEN¹; ZEHRA MINBAY²; OZHAN EYIGOR²

1.ULUDAG UNIVERSITY INSTITUTE OF HEALTH SCIENCE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA;
2.ULUDAG UNIVERSITY FACULTY OF MEDICINE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA.

P01039 - HIPOCORTISOLISM AFTER SOCIAL ISOLATION IN JUVENILE COMMON MARMOSSET (CALLITHRIX JACCHUS) MALES

ANA CECÍLIA GALVÃO; KAREN PEREIRA; MARY INGRID ALENCAR; MARIA BERNARDETE SOUSA; ANTONIO PEREIRA; NICOLE LEITE GALVÃO-COELHO

UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

P01040 - NK1 RECEPTOR ANTAGONISM PRIOR SOCIAL DEFEAT LEADS TO BEHAVIORAL SUSCEPTIBILITY TO STRESS



RENATA CRISTINA NUNES MARCHETTE; EVELYN CRISTINA DA SILVA SANTOS; GEISON SOUZA IZÍDIO; THEREZA CHRISTINA MONTEIRO DE LIMA
FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANOPOLIS, SC, BRASIL.

PO1041 - EXPRESSION OF P-STAT5 IN NEURONOSTATIN NEURONS INDUCED BY REFEEDING: AN IMMUNOHISTOCHEMICAL STUDY

SEMA SERTER1; ZEHRA MINBAY2; OZHAN EYIGOR2

1.ULUDAG UNIVERSITY INSTITUTE OF HEALTH SCIENCE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA;

2.ULUDAG UNIVERSITY FACULTY OF MEDICINE, DEPT. HISTOLOGY AND EMBRYOLOGY, BURSA, TURQUIA.

PO1042 - MATERNAL VITAMIN B12 DEFICIENCY IS ASSOCIATED WITH INCREASED OXIDATIVE STRESS AND DNA DAMAGE IN BRAIN REGIONS OF C57BL/6 MOUSE OFFSPRING

SHAMPA GHOSH; JITENDRA KUMAR SINHA; MANCHALA RAGHUNATH

NATIONAL INSTITUTE OF NUTRITION, HYDERABAD, ÍNDIA.

PO1043 - NEUROCHEMICAL CHANGES IN THE THALAMIC INTERGENICULATE LEAFLET OF AGING RATS

FELIPE PORTO FIUZA; KAYO DIÓGENES DE AZEVEDO SILVA; RENATA ALVES PESSOA; ANDRÉ LUIZ BEZERRA PONTES;

JOSÉ RODOLFO LOPES DE PAIVA CAVALCANTI; ROVENA CLARA GALVÃO JANUÁRIO ENGELBERTH; JEFERSON DE SOUZA CAVALCANTE

UFRN, NATAL, RN, BRASIL.

PO1044 - EFFECTS OF CHRONIC STRESS ON MODULATION OF CARDIOVASCULAR RESPONSES AND VENTILATORY ACTIVATED BY CHEMOREFLEX AND BAROREFLEX IN RATS

EGIDI MAYARA FIRMINO SILVA; LUCIANA BARG KUNTZE; DAVI CAMPOS LAGATTA; LEONARDO BARBOSA RESSEL

MEDICINE SCHOOL OF RIBEIRÃO PRETO, RIBEIRÃO PRETO, SP, BRASIL.

PO1045 - CIRCADIAN ESTRADIOL LEVELS IN VIVO IN THE SONGBIRD CAUDOMEDIAL NIDOPALLIUM, A SECONDARY AUDITORY REGION.

MATHEUS MACEDO-LIMA; LUKE REMAGE-HEALEY

NEUROSCIENCE AND BEHAVIOR PROGRAM, CENTER FOR NEUROENDOCRINE STUDIES, DEPARTMENT OF

PSYCHOLOGICAL AND BRAIN SCIENCES, UNIVERSITY OF MASSACHUSETTS AMHERST, AMHERST, MA, ESTADOS UNIDOS.

PO1046 - REACTIVE ASTROGLIA AND MICROGLIA IN HYPOTHALAMUS OF ADULT RAT OFFSPRING PROGRAMMED BY MATERNAL EXPOSURE TO NICOTINE DURING LACTATION

VIVIANE YOUNES RAPOZO; CINTIA RODRIGUES PINHEIRO; ALEX CHRISTIAN MANHÃES; PENHA CRISTINA BARRADAS;

ELAINE DE OLIVEIRA; EGBERTO GASPAR DE MOURA; PATRICIA CRISTINA LISBOA

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1047 - ASSESSMENT OF HPA AXIS FUNCTIONING: CHALLENGES INVOLVING MINERALOCORTICOID (MR) AND GLUCOCORTICOID RECEPTOR (GR) AGONIST IN DEPRESSIVE ADULT PATIENTS IN THE PRESENCE OR ABSENCE OF EARLY LIFE STRESS.

ITIANA CASTRO MENEZES; CRISTIANE VON WERNE BAES; CAMILA MARIA SEVERI MARTINS; NAYANNE BECKMANN

BOSAIO; SANDRA TOFOLI; MAIRA MALAGUTTI RICCI; MARCO AURELIO PICHITELI; MARIO FRANCISCO JURUENA

FMRP/USP, RIBEIRÃO PRETO, SP, BRASIL.

PO1048 - GLUCOCORTICOID DYSREGULATION BY ADENOSINE A2A RECEPTORS IS THE LINK IN AGE-RELATED COGNITIVE IMPAIRMENTS

VANIA LUISA BATALHA¹; DIANA GABRIELA FERREIRA¹; JORGE SOUSA VALADAS¹; JOANA ESTEVES COELHO¹; RUI GOMES¹; PAULA CANAS²; VALERIE BUÉE-SCHERRER³; LUC BUÉE³; CHRISTA MÜLLER⁴; MALIKA HAMDANE³; RODRIGO A CUNHA²; MICHAEL BADER⁵; DAVID BLUM³; LUISA VAQUEIRO LOPES¹

1.INSTITUTO DE MEDICINA MOLECULAR, LISBOA, PORTUGAL; 2.CENTRO NEUROCIÊNCIAS DE COIMBRA, UNIVERSIDADE DE COIMBRA, COIMBRA, ÍNDIA; 3.UMR INSERM U837, LILLE, FRANÇA; 4.UNIVERSITY OF BONN, BONN, ALEMANHA; 5.MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE, BERLIN, ALEMANHA.

PO1049 - ESTROGEN AND CHRONIC ETHANOL CONSUMPTION EFFECTS ON ESTROGEN RECEPTOR A AND ON DOPAMINE EXPRESSION IN ARN HAVE CONSEQUENCES TO FEEDING BEHAVIOR

ELCE CRISTINA CÔRTEZ REBOUÇAS¹; MARIA DULCE CORDEIRO MADEIRA²

1.UNIVERSIDADE ESTADUAL DO SUDOESTE DA BAHIA - UESB, VITÓRIA DA CONQUISTA, BA, BRASIL; 2.UNIVERSIDADE DO PORTO, PORTO, PORTUGAL.

PO1050 - VALIDATION OF THE XYLAZINE-KETAMINE TEST FOR ASSESSING EMETIC PROPERTIES OF PHARMACOLOGICAL COMPOUNDS

VIVIAN TACIANY BONASSOLI¹; NICK P VAN GOETHEM¹; PIM R HECKMAN¹; BRITT TJ VAN HAGEN¹; RUBIA WEFFORT DE OLIVEIRA²; HARRY WM STEINBUSCH¹; ELAINE APARECIDA DEL BEL³; JOS PRICKAERTS¹

1.MAASTRICHT UNIVERSITY, MAASTRICHT, HOLANDA; 2.UNIVERSIDADE ESTADUAL DE MARINGÁ, MARINGÁ, PR, BRASIL; 3.UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, PR, BRASIL.

PO1051 - CHRONIC UNPREDICTABLE STRESS INCREASES GLUCOCORTICOID RECEPTOR AND CRF2 MRNA EXPRESSION IN THE LS OF THE RAT BRAIN

MARÍLIA BRINATI MALTA¹; LUCIANE V SITA²; JOELCIMAR M. SILVA²; JACKSON C BITTENCOURT²; CRISTOFORO SCAVONE¹; CAROLINA DEMARCHI MUNHOZ¹

1.PHARMACOLOGY DEPARTMENT, SAO PAULO, SP, BRASIL; 2.ANATOMY DEPARTMENT, ICB-USP, SAO PAULO, SP, BRASIL.

PO1052 - IMPACT OF HYPOTHALAMIC ATAXIN-2 ON ENERGY BALANCE AND METABOLIC PROFILE

SARA MATIAS CARMO SILVA¹; CLÉVIO NÓBREGA²; MARIANA BOTELHO¹; MARISA FERREIRA-MARQUES²; ANA RITA ÁLVARO²; CÉLIA AVELEIRA²; STEFAN PULST³; LUÍS DE ALMEIDA¹; CLAUDIA CAVADAS¹

1.CENTER FOR NEUROSCIENCES AND CELL BIOLOGY & FACULTY OF FARMACY UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 2.CENTER FOR NEUROSCIENCES AND CELL BIOLOGY, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 3.DEPARTMENT OF NEUROLOGY, UNIVERSITY OF UTAH, SALT LAKE CITY, UTAH, ESTADOS UNIDOS.

PO1053 - AUTOPHAGY IN THE HYPOTHALAMUS: THE ROLE OF NEUROPEPTIDE Y

MARIANA BOTELHO BOTELHO DA ROCHA¹; CÉLIA ALEXANDRA AVELEIRA²; SARA CARMO-SILVA¹; JORGE PASCOAL; MARISA FERREIRA-MARQUES²; CLÉVIO NOBREGA¹; LUISA CORTES¹; JORGE VALERO¹; LÍGIA SOUSA-FERREIRA¹; ANA RITA ÁLVARO¹; MAGDA SANTANA¹; SEBASTIAN KÜGLER³; LUIS DE ALMEIDA¹; CLAUDIA CAVADAS¹

1.CENTER FOR NEUROSCIENCES AND CELL BIOLOGY & FACULTY OF FARMACY UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 2.CENTER FOR NEUROSCIENCES AND CELL BIOLOGY, UNIVERSITY OF COIMBRA, COIMBRA, PORTUGAL; 3.CENTER OF MOLECULAR PHYSIOLOGY OF THE BRAIN, DEPARTMENT OF NEUROLOGY, UNIVERSITY MEDICINE GÖTTINGEN, GÖTTINGEN, ALEMANHA.

PO1054 - NUMBER AND DISTRIBUTION OF MELANIN-CONCENTRATING HORMONE (MCH) NEURONS IN THE LATERAL HYPOTHALAMIC AREA OF THE RAT DURING THE POSTNATAL DEVELOPMENT AND AGING

CARLA DE MORAES MACHADO¹; FERNANDO ALVES VALE²; MARINA GALLEAZZO MARTINS¹; JACKSON CIONI BITTENCOURT²; JOSÉ DE ANCHIETA DE CASTRO E HORTA-JÚNIOR¹

1.STATE UNIVERSITY OF SÃO PAULO, BOTUCATU, SP, BRASIL; 2.UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

10/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES
POSTER SESSION
POSTER SESSION III - COGNITION AND BEHAVIOR
F COGNITION AND BEHAVIOUR

PO1055 - ARE PATIENTS WITH MTLE AND PSYCHIATRIC DISORDERS MORE REFRACTORY TO MEDICAL TREATMENT OF EPILEPSY?

MATEUS HENRIQUE NOGUEIRA¹; CLARISSA LIN YASUDA¹; ANDRES M KANNER²; FERNANDO CENDES¹
1.UNICAMP, CAMPINAS, SP, BRASIL; 2.UNIVERSITY OF MIAMI MILLER SCHOOL OF MEDICINE, MIAMI, ESTADOS UNIDOS.

PO1056 - AN ACTIVE LIFE STYLE IMPROVES GLOBAL COGNITION AND VISUO-SPATIAL LEARNING AND MEMORY FUNCTIONS IN YOUNG ADULTS

ALESSANDRA MENDONÇA TOMÁS¹; PAOLA GEANNINE REIS CORRÊA²; CARMELINA DE NAZARÉ MONTEIRO DA COSTA²; NAINA YUKI VIEIRA JARDIM²; VICTOR OLIVEIRA DA COSTA¹; NATÁLI VALIM OLIVER BENTO-TORRES²; CRISTOVAM WANDERLEY PICANÇO-DINIZ¹
1.LABORATÓRIO DE NEURODEGENERAÇÃO E INFECÇÃO LNI/ICB/UFPA, BELÉM, PA, BRASIL; 2.FACULDADE DE FISIOTERAPIA E TERAPIA OCUPACIONAL FFTO/ICS/UFPA, BELÉM, PA, BRASIL.

PO1057 - BEHAVIORAL EVALUATION OF RATS IN MODIFIED ANIMAL MODELS OF ANXIETY: INFLUENCE OF AGE AND SEX
GUILHERME BRACARENSE FILGUEIRAS; RODRIGO KLEIN; SIDNEI ARAUJO; ANNIE LIMA; BÁRBARA SANTOS; TAIMON MAIO; CELIO ESTANISLAU; ESTEFANIA MOREIRA

UNIVERSIDADE ESTADUAL DE LONDRINA, LONDRINA, PR, BRASIL.

PO1058 - INTERVENTION WITH COGNITIVE ELECTRONIC GAMES IN SCHOOL: CONTRIBUTIONS FOR THE SUSTAINED ATTENTION

DANIELA KARINE RAMOS; NATÁLIA LORENZETTI DA ROCHA; BRUNA SANTANA ANASTÁCIO
UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO1059 - CHRONIC OR ACUTE TREATMENT WITH N-ACETYL-CYSTEINE (NAC) REDUCES SOCIAL INTERACTION DEFICITS IN FEMALE ADULT OFFSPRING IN A RODENT DEVELOPMENTAL DISRUPTION MODEL OF SCHIZOPHRENIA

ÂNGELA RODRIGUES SILVA; ERICKSON ALVES DA SILVA SOUZA; INDA LAGES NASCIMENTO; CRISTIANE SALUM
UNIVERSIDADE FEDERAL DO ABC, SÃO BERNARDO, SP, BRASIL.

PO1060 - INVOLVEMENT OF KAPPA-OPIOID RECEPTORS IN NEUROPATHIC PAIN INDUCED BY CHRONIC CONSTRICTION INJURY OF THE SCIATIC NERVE IN FEMALE RATS: EFFECTS OF REPRODUCTIVE EXPERIENCE.

ELIZABETH TEODOROV¹; ERICA CARRICONDO¹; MARIA MARTHA BERNARDI¹; LUCIANO FREITAS FELICIO²
1.UFABC, SANTO ANDRÉ, SP, BRASIL; 2.USP, SAO PAULO, SP, BRASIL.

PO1061 - BRAIN ACTIVATION FOR THE SPECIFICITY OF VERBS

BRENDA MIURA LUNARDI; JULIANA HELENA BRUNO MACHADO; MARIA TERESA CARTHERY-GOULART; ANDRÉ CRAVO; MARIA ALICE DE MATTOS PIMENTA PARENTE
UFABC, SÃO BERNARDO, SP, BRASIL.

PO1062 - PREDICTING NEGATIVE AFFECT TRAIT FROM PATTERNS OF BRAIN ACTIVATION DURING THREAT CONTEXT
ORLANDO FERNANDES JR¹; LIANA CATARINA LIMA PORTUGAL¹; RITA DE CÁSSIA SOARES ALVES¹; TIAGO ARRUDA SANCHEZ²; ELIANE VOLCHAN²; MIRTES GARCIA PEREIRA¹; LETICIA OLIVEIRA¹; JANAÍNA MOURÃO-MIRANDA³

1.UFF, NITERÓI, RJ, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 3.UCL, LONDON, REINO UNIDO.

PO1063 - THE ROLE OF HIPPOCAMPUS IN RECOGNITION OF OBJECTS BASED ON THEIR SPATIAL AND NON-SPATIAL PROPERTIES

DAVID LEVCIK¹; TEREZA NEKOVAROVA²; ELISKA ANTOSOVA²; DANIEL KLEMENT²

1.UNIVERSIDADE FEDERAL DO PARANA, CURITIBA, PR, BRASIL; 2.INSTITUTE OF PHYSIOLOGY, AS CR, PRAGUE, REPÚBLICA CHECA.

PO1064 - BEHAVIORAL EFFECT OF MATERNAL EXERCISE IN WISTAR RATS SUBMITTED TO NEONATAL HYPOXIA-ISCHEMIA

PATRICIA IDALINA RODRIGUES¹; THIAGO BELTRAM MARCELINO²; PATRICIA MAIDANA MIGUEL³; CARLOS ALEXANDRE NETTO⁴; LENIR ORLANDI PEREIRA³; CRISTIANE MATTÉ²

1.DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DE SAÚDE, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 2.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS, DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DE SAÚDE UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 3.PROGRAMA DE PÓS-GRADUAÇÃO EM NEUROCIÊNCIAS, ICBS, UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 4.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS BIOLÓGICAS, PROGRAMA DE PÓS-GRADUAÇÃO EM NEUROCIÊNCIAS, DEPARTAMENTO DE BIOQUÍMICA, INSTITUTO DE CIÊNCIAS BÁSICAS DE SAÚDE UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO1065 - LANGUAGE SKILLS GENERALIZATION AFTER TEACHING NOUNS FOR ELDERLY WITH APHASIA

ALINE MELINA VAZ; SABRINA ROBERTA OLIVEIRA; ANDREIA SCHMIDT

UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL.

PO1066 - EVALUATION OF THE MNEMONIC ACTIVITY OF THE BUTANOLIC FRACTION AND SAPONIN ENRICHED FRACTION OBTAINED FROM ILEX PARAGUARIENSIS

CLAUDINI HONÓRIO DE PIERI; EVELYN CRISTINA DA SILVA SANTOS; CARLOS HENRIQUE BLUM-SILVA; FLÁVIO

HENRIQUE REGINATTO; THEREZA CHRISTINA MONTEIRO DE LIMA

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO1067 - INFLUÊNCIA DO MODAFINIL E BROMAZEPAM NO P200

JULIANA BITTENCOURT MARQUES¹; MARIANA GONGORA¹; DANIELLE APRÍGIO¹; MARIANA ALMEIDA²; LUIS HENRIQUE MARTINS²; MAURÍCIO CAGY¹; PEDRO RIBEIRO¹; BRUNA VELASQUES¹

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.UNIVERSIDADE VEIGA DE ALMEIDA, RIO DE JANEIRO, RJ, BRASIL.

PO1068 - EFFECT OF TREATMENT CYCLOOXYGENASE-2 INHIBITORS ON PENTYLENETETRAZOL (PTZ)-INDUCED SEIZURES IN MICE

FERNANDA ROSSATTO TEMP; JOSEANE RIGHES MARAFIGA; ANA CLÁUDIA JESSE; AMANDA TITZE HESSEL; LAURA

HAUTRIVE MILANESI; LEONARDO MAGNO RAMBO; CARLOS FERNANDO DE MELLO

UNIVERSIDADE FEDERAL DE SANTA MARIA (RS-BRAZIL), SANTA MARIA, RS, BRASIL.

PO1069 - DEVELOPMENT AND VALIDATION OF A TASK TO EVALUATE REAL TIME SENTENCES COMPREHENSION USING ERP N400 MODULATION

CARLOS FERNANDO RAMOS; ANDRÉ MASCIOLI CRAVO; PETER MAURICE CLAESSSENS; MARIA ALICE PIMENTA

PARENTE; JAQUELINE ESTEQUI; MARIA TERESA CARTHERY-GOULART

UFABC, SAO BERNARDO DO CAMPO, SP, BRASIL.

PO1070 - PREVIOUS STRESS AND THE PHARMACOLOGICAL BLOCKADE OF GABA-A RECEPTORS IN THE BASOLATERAL AMYGDALA ATTENUATED THE INTERFERING EFFECT OF MIDAZOLAM ON FEAR MEMORY RECONSOLIDATION.



PABLO JAVIER ESPEJO; VANESA ORTIZ; IRENE DELIA MARTIJENA; VICTOR ALEJANDRO MOLINA
UNIVERSIDAD NACIONAL DE CÓRDOBA, FACULTAD DE CIENCIAS QUÍMICAS, IFEC-CONICET, CÓRDOBA, ARGENTINA.

PO1071 - INFLUENCE OF REPRODUCTIVE EXPERIENCE ON NOCICEPTIVE THRESHOLD AND MATERNAL BEHAVIOR IN LACTATING FEMALE RATS SUBJECTED TO A NEUROPATHIC PAIN MODEL.

ERICA CARRICONDO; ELIZABETH TEODOROV; MARIA MARTHA BERNARDI; LUCIANO FREITAS FELICIO
UNIVERSIDADE FEDERAL DO ABC, SANTO ANDRÉ, SP, BRASIL.

PO1072 - LEARNING/MEMORY BEHAVIORS ARE INFLUENCED BY A QUANTITATIVE TRAIT LOCI ON RAT CHROMOSOME 4
GEISON SOUZA IZIDIO¹; FERNANDA JUNKES CORREA¹; MAYARA ANSELM¹; JOSÉ RONALDO SANTOS²; ANATILDES FEITOSA SILVA³; JOÃO ANTÔNIO CUNHA³; ALESSANDRA MUSSI RIBEIRO⁴; REGINA HELENA SILVA⁴; ANDRÉ ÁVILA RAMOS¹

1.UFSC, FLORIANÓPOLIS, SC, BRASIL; 2.UFS, ARACAJÚ, SE, BRASIL; 3.UFRN, NATAL, RN, BRASIL; 4.UNIFESP, SANTOS, SP, BRASIL.

PO1073 - FLUOXETINE ENHANCE MEMORY RECALL FROM ASSOCIATIVE LEARNING TASK IN ZEBRAFISH (DANIO RERIO)
KALIANE MARTINS; BARBARA ARAÚJO QUADROS; ANA CAROLINA LUCHIARI
UFRN, NATAL, RN, BRASIL.

PO1074 - MILD TRAUMATIC BRAIN INJURY: COGNITIVE FATIGUE AND A METHOD FOR ITS ASSESSMENT
THOMAS RAU; SARJ PATEL; CHARLES LEONARD; ALESSANDER DANNA-DOS-SANTOS
UNIVERSITY OF MONTANA, MISSOULA-MT, ESTADOS UNIDOS.

PO1075 - PROTECTIVE POTENTIAL OF LEAVES EUGENIA DYSENTERICA EXTRACT ON COGNITIVE DECLINE INDUCED BY ALUMINIUM

LUANNA FERNANDES PEIXOTO; THIAGO SARDINHA OLIVEIRA; LAÍS MORAES DE OLIVEIRA; AMANDA MENDES BASTOS; JAMES OLUWAGBAMIGBE FAJEMIORE; ELSON ALVES COSTA; FERNANDA C. A. DOS SANTOS; PAULO CÉSAR GHEDINI
FEDERAL UNIVERSITY OF GOIÁS, GOIÂNIA, GO, BRASIL.

PO1076 - CONCEPT AND IDEATION OF TOOL USE: AN EVENT-RELATED POTENTIAL STUDY.

DIEGO MARTIN LOMBARDO¹; JOSE LUIS ARDANAZ²; ANGEL ARIEL CAPUTI¹

1.DEPARTAMENTO DE NEUROCIENCIAS INTEGRATIVAS Y COMPUTACIONALES, INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI; 2.DEPARTAMENTO DE NEUROFISIOLOGÍA.INSTITUTO DE NEUROLOGIA, MONTEVIDEO, URUGUAI.

PO1077 - COGNITIVE PROCESSES INDICATED BY NEUROPSYCHOLOGICAL ASSESSMENT

JEANNY JOANA RODRIGUES ALVES DE SANTANA

FEDERAL UNIVERSITY OF UBERLÂNDIA, MINAS GERAIS, BRAZIL, UBERLÂNDIA, MG, BRASIL.

PO1078 - EINGENVECTOR CENTRALITY MAPPING DURING NATURAL VIEWING IN THE MACAQUE BRAIN

FREDERICO AZEVEDO; MICHAEL ORTIZ-RIOS; LEONARDO CASARSA AZEVEDO; DAVID BALLA; GABRIELE LOHMANN; NIKOS K LOGOTHETIS; GEORGIOS A KELIRIS

MAX PLANCK INSTITUTE FOR BIOLOGICAL CYBERNETICS, TUEBINGEN, ALEMANHA.

PO1079 - NAMING OF OBJECTS AND ACTIONS IN COGNITIVELY HEALTHY ADULTS

NATALIA GASPERONI PIRES; YOSSIE ZANA; MARIA TERESA CARTHERY-GOULART; MARIA ALICE DE MATTOS PIMENTA PARENTE

UNIVERSIDADE FEDERAL DO ABC, SÃO BERNARDO, SP, BRASIL.

PO1080 - NEONATAL HYPOXIA-ISCHEMIA IMPAIRS ATTENTIONAL SET-SHIFTING IN RATS



PATRÍCIA MAIDANA MIGUEL; BRUNA FERRARY DENIZ; IOHANNA DECKMANN; RAMIRO DIAZ; HELOISA DEOLA CONFORTIM; MICHELI FERLA; LENIR ORLANDI PEREIRA
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PO1081 - EFFICACY OF A COGNITIVE TRAINING PROGRAM FOCUSING ON EPISODIC MEMORY APPLIED TO A GROUP OF COGNITIVELY HEALTHY INDIVIDUALS.

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PO1082 - MILD COGNITIVE IMPAIRMENT IN PARKINSON'S DISEASE

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PO1083 - SHOOT THE TARGET: ASSESSMENT OF THE INFLUENCE OF THE TYPE OF TRAINING ON LEARNING OF MULTIPLE TEMPORAL DISCRIMINATIONS

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PO1084 - COMPUTATIONAL APPROACH FOR SCREENING LEARNING DISORDERS

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PO1085 - FEAR/ANXIETY TYPE BEHAVIOR ASSESSMENT IN LIZARD TROPIDURUS HISPIDUS

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PO1086 - YELLOW PROPOLIS IMPROVES SHORT-TERM MEMORY AND ANTIOXIDANT ACTIVITY IN RODENTS

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PO1087 - INHIBITORY CONTROL DIFFERENCES AMONG MEN AND WOMEN: BEHAVIORAL AND ELECTROPHYSIOLOGICAL ANALYSIS ON THE STROOP TASK.

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PO1088 - HISTONE DEACETYLASE INHIBITION DURING MEMORY CONSOLIDATION WINDOW FACILITATES THE MAINTENANCE OF INFORMATION PRECISION



FABRÍCIO DINIZ DUTRA; ANA PAULA CRESTANI; FLÁVIA ZACOUTEGUY BOOS; JORGE ALBERTO QUILLFELDT; LUCAS DE OLIVEIRA ALVARES

FEDERAL UNIVERSITY OF RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO1089 - TEXTUAL WARNINGS REDUCE EMOTIONAL IMPACT AND CONSUMPTION PREDISPOSITION OF UNHEALTHY FOODS

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PO1090 - CHEMICAL INHIBITION OF THE LEFT MEDIAL PREFRONTAL CORTEX FACILITATES ANXIETY-RELATED BEHAVIOR IN SOCIALLY DEFEATED MICE.

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PO1091 - RECONSOLIDATION IN MORPHINE-INDUCED LOCOMOTOR SENSITIZATION DEPENDS ON CONTEXTUAL REACTIVATION

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PO1092 - DYNAMIC VISUAL NOISE REDUCE THE RECOGNITION CONFIDENCE IN VISUAL MEMORY TASKS

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PO1093 - GAME PROBABILITY MODEL OF DECISION MAKING UNDER PRESSURE

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PO1094 - AGE AND EDUCATION INFLUENCE IN HEALTHY ELDERLY PERFORMANCE MEASURED BY BRIEF COGNITIVE BATTERY

VERÔNICA CARVALHO DE ARAUJO; CHRISTINA MARTINS BORGES LIMA; BÁRBARA SPENCIERE DE OLIVEIRA CAMPOS; HELENICE CHARCHAT-FICHMAN

PONTIFÍCIA UNIVERSIDADE CATÓLICA - PUC RIO, RIO DE JANEIRO, RJ, BRASIL.

PO1095 - ASTROCYTIC ACTIVITY REMODELING INDUCED BY MEMANTINE IN RESPONSE TO EXCITOTOXICITY IN A ALZHEIMER-LIKE PHENOTYPE

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PO1096 - GENDER DIFFERENCES ON EXECUTIVE FUNCTIONS DURING A REACTION TIME TASK: AN EEG BRAIN MAPPING AND BEHAVIORAL STUDY.

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PO1097 - INHIBITORY CONTROL AND CONFLICT DURING THE STROOP TASK: AN ASSESSMENT OF THE BEHAVIORAL PERFORMANCE, CORTICAL ACTIVATION AND HEART RATE VARIABILITY OF YOUNG ADULTS.

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PO1098 - SYSTEMIC ADMINISTRATION OF THE MINERALOCORTICOID ANTAGONIST SPIRONOLACTONE IMPAIRS COPING STRATEGY IN MICE EXPOSED TO THE OLFACTORY FEAR CONDITIONING

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PO1099 - METAPHORS, LITERACY, AND NEUROSCIENCE

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PO1100 - ALTERATIONS OF HISTIDINE DECARBOXYLASE (HDC) AND HISTAMINERGIC RECEPTORS (H1, H2 AND H3) GENE EXPRESSION, IN DORSAL HIPPOCAMPUS AND AMYGDALA OF MICE, AFTER AN AVERSIVE EXPERIENCE

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PO1101 - A NEURAL-PRAGMATIC PERSPECTIVE OF MEANINGFUL AND EVALUATIVE LANGUAGE

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PO1102 - CURRICULAR ADAPTATION FOR NONVERBAL, AUTISTIC STUDENTS: STRATEGIES FOR READ AND WRITE TEACHING

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PO1103 - INFLUENCE OF HSP70 ON MEMORY CONSOLIDATION

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PO1104 - NEUROPSYCHOLOGICAL ASSESSMENT CONTRIBUTION TO MILD COGNITIVE IMPAIRMENT (MCI) DIAGNOSIS: METHODOLOGICAL ISSUES.

HELENICE CHARCHAT FICHMAN; EDUARDA NAIDEL; HELOISA ALVES

PUC-RIO, RIO DE JANEIRO, RJ, BRASIL.

P01105 - CORRELATION BETWEEN AGGRESSIVENESS AND IMPULSIVENESS

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P01106 - ADMINISTRATION OF CB1 RECEPTOR ANTAGONIST IN NUCLEUS ACCUMBENS REDUCED THE DURATION OF MORPHINE-INDUCED EXTINCTION PERIOD IN RATS

HOSSEIN KHALEGHZADEH-AHANGAR; ABBAS HAGHPARAST

SHAHID BEHESHTI UNIVERSITY OF MEDICAL SCIENCES, TEHRAN, IRAN.

P01107 - FUNCTIONAL MARKERS OF ELECTRICAL ACTIVITY OF THE CEREBRAL CORTEX TO IDENTIFY DEVELOPMENTAL DELAYS OF EXECUTIVE FUNCTIONS IN PREFRONTAL CORTEX IN ADOLESCENTS.

ANA KARLA JANSEN AMORIM; DAISY SILVA MIRANDA; LORENA QUARESMA; ELIAN BOTELHO; CECILIA CERIATTE; GABRIELA PONTES; B CALLEGARI; CARLO BAHIA; DANIEL FRAIMAN; ANTONIO PEREIRA

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P01108 - VOLUNTARY ENHANCEMENT OF NEURAL SIGNATURES OF AFFILIATIVE EMOTION USING FMRI NEUROFEEDBACK

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P01109 - THE IMPACT OF EMOTIONAL AND HEDONIC STIMULI ON VOLUNTARY ATTENTION IN ALCOHOLICS: A DICHOTIC LISTENING STUDY

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P01110 - SUCROSE CONSUMPTION IN EARLY STAGES OF LIFE AFFECTS FEAR RELATED BEHAVIOR IN ADULTHOOD.

MARIA SOL KRUSE; HÉCTOR COIRINI

IBYME-CONICET, CABA, ARGENTINA.

P01111 - LEARNING, MEMORY AND DENTATE GYRUS ASTROCYTES MORPHOLOGY: AGE AND ENVIRONMENTAL INFLUENCES ARE LAMINAR-DEPENDENT ON ALBINO SWISS MICE

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P01112 - NEUROCOGNITIVE DEVELOPMENT AND SOCIOECONOMIC DEPRIVATION: STREET CHILDREN IN ECUADOR GRAHAM PLUCK¹; HELEN JOHNSON²; DANIEL R BANDA-CRUZ¹; M VICTORIA ANDRADE-GUIMARAES¹; TERESITA BORJA-ALVAREZ¹

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P01113 - ANXIETY-LIKE BEHAVIOR IN A MURINE MODEL SEQUENTIALLY INFECTED BY SEROTYPE 1 AND SEROTYPE 4 OF DENGUE VIRUS

GIOVANNI FREITAS GOMES¹; RAILANA DEISE DA FONSECA PEIXOTO¹; BRENDA GONÇALVES MACIEL¹; KEDMA FARIAS DOS SANTOS¹; LOHRANE ROSA BAYMA¹; PEDRO ALVES FEITOZA NETO¹; ANGELA TAMIRES NASCIMENTO



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PO1114 - 5-HT 1A RECEPTORS OF THE DORSOMEDIAL HYPOTHALAMUS CONNECTED BY DORSAL RAPHE NUCLEUS INPUTS MODULATE DEFENSIVE BEHAVIOUR AND MEDIATE ANTINOCICEPTION
ALEXANDRE PINTO CORRADO; AUDREY FRANCISCO BIAGIONI; RITHIELE CRISTINA DE OLIVEIRA; RICARDO DE OLIVEIRA; JULIANA ALMEIDA DA SILVA; TAYLLON DOS ANJOS-GARCIA; HELIO ZANGROSSI JR; NORBERTO CYSNE COIMBRA
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PO1115 - MAKING DECISIONS: EYE-MOVEMENTS AND PREDICTION OF CHOICES
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PO1116 - YOUNG SMOKERS ARE MORE IMPULSIVE, IRRESPECTIVE OF SOCIOECONOMIC STATUS
RAQUEL LUNA ANTONIO; SABINE POMPEIA
UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO1117 - REACTIVATION WITH REMINDERS THAT DO OR DO NOT LABILIZE DECLARATIVE MEMORY IN HUMANS: SHORT NAP VS. 8 HOURS OF SLEEP
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PO1118 - THE EFFECT OF STRESS ON ACQUISITION, CONSOLIDATION AND RECONSOLIDATION OF A NEUTRAL DECLARATIVE MEMORY IN HUMANS.
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PO1119 - DNA DAMAGE AND REPAIR MECHANISMS ARE RELATED IN MEMORY FORMATION
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PO1120 - THE HIPPOCAMPAL IMMATURE NEURONS ARE INVOLVED IN ACQUISITION AND NEW MEMORY FORMATION
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PO1121 - EVIDENCE OF MAINTENANCE TAGGING IN THE HIPPOCAMPUS FOR THE PERSISTENCE OF LONG-LASTING MEMORY STORAGE
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PO1122 - MEAN POWER AND DOMINANT ALPHA FREQUENCY MODULATION BY LIGHT AND EYE CONDITIONS IN HUMANS



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PO1123 - TRAUMATIC BRAIN INJURY INCREASES PTSD-LIKE BEHAVIORS IN MICE: POSSIBLE ROLE OF WHITE MATTER ALTERATIONS

RAYMOND MONGEAU; MÉLUSINE OURADOU; EDWIDGE DEOU; CLAIRE LECONTE; VALÉRIE C BESSON; MICHEL PLOTKINE; CATHERINE MARCHAND-LEROUX
UNIVERSITÉ PARIS DESCARTES, PARIS, FRANÇA.

PO1124 - UNDERSTANDING PATIENTS WITH AND INDIVIDUALS AT RISK FOR NEUROPSYCHIATRIC DISORDERS: A LITERATURE REVIEW OF AN AFFECTIVE NEUROSCIENCE APPROACH

SAMUEL OMIDOYIN; COMFORT MUSA ISHAKU
ALL SAINTS UNIVERSITY SCHOOL OF MEDICINE, ROSEAU, COMUNIDADE DOMINICANA.

PO1125 - KOLAVIRON PREVENTS SCOPOLAMINE-INDUCED MEMORY IMPAIRMENT IN MICE: ROLE OF OXIDATIVE AND NITROSATIVE STRESS

ISMAILA OGUNBAYODE ISHOLA; AZEEZAT FOLAKE AWOYEMI; GBENGA OLUYEMI AFOLAYAN
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PO1126 - LONG TERM EFFECTS OF EARLY PROTEIN RESTRICTION AND SEROTONERGIC SYSTEM MANIPULATION OVER THE FEEDING BEHAVIOR OF ADULT WISTAR RATS.

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PO1127 - NEUROSCIENCE: A STRONG ALLY FOR TEACHING-LEARNING

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PO1128 - THE OBJECT RECOGNITION TASK IN WISTAR RATS: EFFECT OF MOABI OIL SEEDS SUPPLEMENTATION ON MEMORY IMPAIRMENT

SAMIRA BOULBAROUD1; DIALLO MAMADOU CIRE2; FATIMA-ZAHRA AZZAOU1; SAID GHARBY3; HICHAM HARHAR3; ZOUBIDA CHARROUF3; AOT AHAMI2
1.LABORATORY OF GENETICS AND NEUROENDOCRINE PHYSIOLOGY, IBN TOFAIL UNIVERSITY, FACULTY OF SCIENCES, BIOLOGICAL DEPARTMENT, KENITRA, MARROCOS; 2.EQUIP OF CLINIC AND COGNITIVE NEUROSCIENCE AND NUTRITIONAL HEALTH, DEPARTMENT OF BIOLOGY, FACULTY OF SCIENCE, KENITRA, MARROCOS; 3.LABORATOIRE DE CHIMIE DES PLANTES ET DE SYNTHÈSE ORGANIQUE ET BIOORGANIQUE, FACULTÉ DES SCIENCES, UNIVERSITÉ MOHAMMED V, RABAT, MARROCOS.

PO1129 - AN ENRICHED ENVIRONMENT AND 17-BETA ESTRADIOL PRODUCE SIMILAR PRO-COGNITIVE EFFECTS ON OVARECTOMIZED RATS



OFIR PICAZO PICAZO; ALEJANDRA ORTIZ PEREZ; ERENDIRA FLORES FLORES; JUDITH ESPINOSA RAYA
INSTITUTO POLITÉCNICO NACIONAL, MÉXICO, MÉXICO.

PO1130 - SELF-ESTEEM: ¿DOES IT AFFECT EMOTIONAL AND BEHAVIORAL RESPONSES TO SOCIAL INTERACTIONS?
ELIANA NICOLAISEN; V. PAZ; E. COLLADO; S. HORTA; C. REY; M. RIVERO; P. BERRIOLO; M. DÍAZ; M. OTÓN; A. PÉREZ; G.
FERNÁNDEZ THEODULOZ; V.B. GRADIN
CENTRO DE INVESTIGACIÓN BÁSICA EN PSICOLOGÍA, FACULTAD DE PSICOLOGÍA, UNIVERSIDAD DE LA REPÚBLICA,
MONTEVIDEO, URUGUAY., URUGUAI.

PO1131 - CAFETERIA DIET DURING PREGNANCY ACCENTUATES MATERNAL BEHAVIOR IN MICE
ANA CLÁUDIA ALVES FREIRE RIBEIRO; TATIANE HELENA BATISTA; VANESSA BARBOSA VERONESI; ALEXANDRE GIUSTI-
PAIVA; FABIANA CARDOSO VILELA GIUSTI
DEPARTMENT OF PHYSIOLOGICAL SCIENCES, INSTITUTE OF BIOMEDICAL SCIENCES, FEDERAL UNIVERSITY OF
ALFENAS, ALFENAS, MG, BRASIL.

PO1132 - INFLUENCE OF HYPOPROTEIC DIET ON MATERNAL BEHAVIOR AND THE REPERCUSSION ON THE ADULTHOOD
AFTER RESTRAINT STRESS
TATIANE HELENA BATISTA; ANA CLÁUDIA ALVES FREIRE RIBEIRO; VANESSA BARBOSA VERONESI; ALEXANDRE GIUSTI-
PAIVA; FABIANA CARDOSO VILELA GIUSTI
DEPARTMENT OF PHYSIOLOGICAL SCIENCES, INSTITUTE OF BIOMEDICAL SCIENCES, FEDERAL UNIVERSITY OF
ALFENAS, ALFENAS, MG, BRASIL.

PO1133 - ENVIRONMENTAL ENRICHMENT PROTECTS AGAINST RESTRAINT STRESS-INDUCED LONG-LASTING ANXIETY
AND CONTEXTUAL FEAR EXTINCTION IMPAIRMENT IN RATS
LEONARDO SANTANA NOVAES; JULIANO GENARO PERFETTI; MARILIA BRINATI MALTA; NILTON BARRETO DOS SANTOS;
CAROLINA DEMARCHI MUNHOZ
UNIVERSIDADE DE SAO PAULO, SAO PAULO, SP, BRASIL.

PO1134 - A MODEL FOR THE NICOTINE'S INFLUENCE ON ATTENTIONAL FOCUS
KARINE DAMÁSIO GUIMARÃES; DANIELE QUINTELLA MENDES MADUREIRA
LNCC, PETRÓPOLIS, RJ, BRASIL.

PO1135 - STRUCTURAL CHANGES IN PYRAMIDAL NEURONS OF THE NEOCORTEX ASSOCIATED WITH LONG-TERM
MEMORY INDUCED BY DIFFERENT INTENSITIES OF TRAINING
MARÍA EVELINA TORRES GARCÍA¹; TZITZI ALHELÍ MARÍN JUÁREZ¹; GINA LORENA QUIRARTE¹; GONZALO FLORES
ÁLVAREZ²; ROBERTO AGUSTÍN PRADO-ALCALÁ¹
1.DEPT. DE NEUROBIOLOGÍA CONDUCTUAL Y COGNITIVA, INSTITUTO DE NEUROBIOLOGÍA, UNAM, QUERÉTARO,
MÉXICO; 2.INSTITUTO DE FISIOLÓGÍA, UNIVERSIDAD AUTÓNOMA DE PUEBLA, PUEBLA, MÉXICO, PUEBLA, MÉXICO.

PO1136 - SIMULTANEOUS EXPOSURE TO ENRICHED DIETS AND CHRONIC MILD STRESS ENHANCE SPATIAL MEMORY
VIA INCREASED SIGNALLING OF CALCIUM AND CAMP-DEPENDENT PROTEIN KINASES
PHILEMON DAUDA SHALLIE; OLUWADAMILOLA FAITH SHALLIE
DEPARTMENT OF ANATOMY, OLABISI ONABANJO UNIVERSITY, AGO-IWOYE, NIGERIA.

PO1137 - EARLY CORTICAL TAGGING IS REQUIRED FOR THE FORMATION AND EXPRESSION OF REMOTE FEAR
MEMORIES: INTERACTIONS WITH MEMORY RECONSOLIDATION
RODRIGO ALEJANDRO SIERRA ORDOÑEZ; LIZETH KATHERINE PEDRAZA; FABIANA SANTANA; FLAVIA ZACOUTEGUY
BOOS; ANA PAULA CRESTANI; ADRIANO MACHADO; LUCAS DE OLIVEIRA ALVARES; JORGE ALBERTO QUILLFELDT
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO1138 - PRE-PUBERTAL CASTRATION IMPROVES SPATIAL LEARNING DURING MID-ADOLESCENCE IN RATS
 NASSER NAGHD1; FARSHAD MORADPOUR2; YAGHOUB FATHOLLAHI2; MOHAMAD JAVAN2; SAMIRA CHOOPANI1
 1.PASTEUR INSTITUTE OF IRAN, TEHRAN, IRAN; 2.TARBIAT MODARES UNIVERSITY, TEHRAN, IRAN.

PO1139 - DISSOCIATING ESTIMATION FROM COMPARISON AND RESPONSE ELIMINATES PARIETAL INVOLVEMENT IN SEQUENTIAL NUMEROSITY PERCEPTION
 SEDA CAVDAROGLU; ANDRÉ KNOPS
 HUMBOLDT UNIVERSITAET ZU BERLIN, BERLIN, ALEMANHA.

PO1140 - N2 SHOWS EMOTIONAL SENSITIVITY REGARDLESS OF DOMINANCE GAINING IN BINOCULAR RIVALRY
 MARIA HERNANDEZ-LORCA; DOMINIQUE KESSEL; ELENA GÁLVEZ; LUIS CARRETIÉ
 UNIVERSIDAD AUTONOMA DE MADRID, MADRID, ESPANHA.

PO1141 - EFFECTS OF ATENOLOL AND METYRAPONE IN THE LATE (10 DAYS) STRESS-INDUCED ANXIETY-LIKE BEHAVIOR IN RATS: THE IMPORTANCE OF BLA
 JULIANO GENARO PERFETTI; LEONARDO SANTANA NOVAES; NILTON BARRETO DOS SANTOS; MARÍLIA BRINATI MALTA; CAROLINA DEMARCHI MUNHOZ
 UNIVERSIDADE DE SAO PAULO - USP, SÃO PAULO, SP, BRASIL.

PO1142 - "BEHAVIORAL IMAGING" FOR ANALYZING COMPLEX BEHAVIOR
 SHOJI KOMAI1; JIN WATANABE1; YUSUKE SUZUKI
 1.NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, IKOMA, JAPÃO; 2.KYOTO UNIVERSITY, KYOTO, JAPÃO.

PO1143 - MINDFULNESS SCORES MODULATE DORSOLATERAL PREFRONTAL CORTEX RESPONSES TO INCONGRUENT CONDITION IN THE STROOP TASK
 PATRICIA RENOVATO TOB01; PLINIO OLIVEIRA2; SHIRLEY S LACERDA2; JOANA B BALARDIN3; CARLA R. C, BARRICHELLO1; EDSON AMARO JUNIOR2; ELISA H KOZASA2
 1.NATURA INOVAÇÃO, CAJAMAR, SP, BRASIL; 2.HOSPITAL ISRAELITA ALBERT EINSTEIN, SÃO PAULO, SP, BRASIL; 3.UNIVERSIDADE FEDERAL DO ABC, SANTO ANDRE, SP, BRASIL.

PO1144 - RELATIONS AMONG STRESS, MENTAL HEALTH, SUBJECTIVE WELL-BEING, QUALITY OF LIFE AND WORK PERFORMANCE IN BRAZILLIAN WORKERS
 HELDER KAME1; PATRICIA TOB01; BRUNO DAMASIO2; MARIO PERES3
 1.NATURA INNOVATION, CAJAMAR, SP, BRASIL; 2.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 3.ALBERT EINSTEIN HOSPITAL, SAO PAULO, SP, BRASIL.

PO1145 - NEUROCOGNITIVE CORRELATES AND AUTONOMOUS ACTIVITY ASSOCIATED TO BEHAVIORS OF REJECTION AND ACCEPTANCE OF UNFAIR OFFERS IN THE ULTIMATUM GAME: A SYSTEMATIC REVIEW
 DÉBORA JEANETTE MOLA; YANINA NOELIA MICHELINI; CECILIA ÉRICA REYNA; JUAN CARLOS GODOY
 CENTRO DE INVESTIGACIONES DE LA FACULTAD DE PSICOLOGÍA (CIPS) GRUPO VINCULADO, CENTRO DE INVESTIGACIONES Y ESTUDIOS SOBRE CULTURA Y SOCIEDAD (CIECS) CONICET - FACULTAD DE PSICOLOGÍA - UNIVERSIDAD NACIONAL DE CÓRDOBA, CÓRDOBA, ARGENTINA.

PO1146 - PALATABLE SOLUTIONS DON'T PREVENT MEMORY IMPAIRMENT INDUCED BY SLEEP DEPRIVATION
 CLAUDIA ANGELICA BONILLA ESCOBAR; JONATHAN ALVES CAMPOS; PAULA AYAKO TIBA
 UFABC, SANTO ANDRE, SP, BRASIL; .

PO1147 - EFFECTS OF ENVIRONMENTAL ENRICHMENT ON ANXIETY, STRESS, EXPLORATION, CORTICOSTERONE PLASMAIC LEVELS AND BRAIN HISTOLOGICAL CHANGES



KAREN P CORREDOR¹; DANIELA P MARIN²; CRISTHIAN GARCIA²; DANIELA G RESTRE
PO²; LAURA A LEON²; GLADYS M MARTINEZ³; FERNANDO P CARDENAS²
1.UNIVERSIDAD DE LOS ANDES / CENTRO DE INVESTIGACIONES EN BIOMODELOS, BOGOTÁ, COLÔMBIA;
2.UNIVERSIDAD DE LOS ANDES, BOGOTÁ, COLÔMBIA; 3.CENTRO DE INVESTIGACIONES EN BIOMODELOS, BOGOTÁ,
COLÔMBIA.

PO1148 - PERCEIVED SOCIAL STATUS MOBILITY RELATES TO PERIGENUAL ANTERIOR CINGULATE MORPHOLOGY IN
INDIVIDUALS WITH ETHNIC MINORITY STATUS
CEREN AKDENIZ; NECIP CAPRAZ; AXEL SCHÄFER; EDDA BILEK; FABIAN STREIT; PETER KIRSCH; ANDREAS MEYER-
LINDENBERG; HEIKE TOST
CENTRAL INSTITUTE OF MENTAL HEALTH, MANNHEIM, ALEMANHA.

PO1149 - FAST MAPPING: HOW TO COMPENSATE EPISODIC MEMORY DEFICIT IN ALZHEIMER'S DISEASE
EVE ATTALI
BRAIN AND SPINE INSTITUTE, PARIS, FRANÇA.

PO1150 - PROPOSAL FOR A NEUROSCIENTIFIC METHODOLOGY TO IMPROVE AND EVALUATE THE COGNITIVE PROCESS
CONSIDERING EMOTIONS, PREVIOUS KNOWLEDGE AND STRATEGIES
CÁTIA MARIA JUSTO¹; LUCIENE FERNANDES JUSTO²
1.MSC IN HEALTH, PROFESSOR OF MEDICAL SCIENCE IN THE FEDERAL UNIVERSITY OF SERGIPE, LAGARTO, SE,
BRASIL; 2.STADTTEILSCHULE, HAMBURGO, ALEMANHA.

PO1151 - BEHAVIOURAL CHANGES IN NEONATE RATS ASSOCIATED WITH PERINATAL IRON DEFICIENCY: THE ROLE OF
HEMODYNAMIC VARIABLES AND HIPPOCAMPAL NEUROGENESIS
AKEEM GBOLADE OWOOLA; SADIQ YUSUF; ALFRED OKPANACHI; MUTIAT OLASUMBO AJIROTUTU
KAMPALA INTERNATIONAL UNIVERSITY, WESTERN CAMPUS, ISHAKA, UGANDA.

PO1152 - AGE-RELATED ALTERATIONS IN THE CONNECTIVITY OF RESTING STATE FUNCTIONAL MODULAR STRUCTURE
BÁLINT FILE¹; BRIGITTA TÓTH²; ZSÓFIA KARDOS²; ROLAND BOHA²; ARJAN HILLEBRAND³; CORNELIS JAN STAM³;
MÁRK MOLNÁR²
1.FACULTY OF INFORMATION TECHNOLOGY AND BIONICS, PÁZMÁNY PÉTER CATHOLIC UNIVERSITY BUDAPEST,
HUNGARY, BUDAPEST, HUNGRIA; 2.INSTITUTE OF COGNITIVE NEUROSCIENCE AND PSYCHOLOGY, RCNS, HAS,
BUDAPEST, HUNGRIA; 3.DEPARTMENT OF CLINICAL NEUROPHYSIOLOGY AND MEG CENTER, VU UNIVERSITY MEDICAL
CENTER, AMSTERDAM, HOLANDA.

PO1153 - THE SINGLE MATERNAL SEPARATION AFFECTS MEMORY/LEARNING, BUT NOT ANXIETY AND DEPRESSION IN
ADULT RATS
ANICET OKINGA¹; ANA PAULA MACHADO ROCHA; CRISTIANE AGUIAR DA COSTA¹; MICHELLE GOMES DA SILVA²;
MAÍRA BRAGA LEMOS²; DANIEL TEIXEIRA DOS SANTOS³; IZABELLE SANTOS BARCELLOS¹; GRAZIELE FREITAS DE
BEM¹; MABEL CARNEIRO FRAGA¹; ALEX CHRISTIAN MANHÃES¹; ROBERTO SOARES DE MOURA¹; ANGELA DE CASTRO
RESENDE¹
1.UERJ, RIO DE JANEIRO, RJ, BRASIL; 2.UNIRIO, RIO DE JANEIRO, RJ, BRASIL; 3.UNIGRANRIO, RIO DE JANEIRO, RJ,
BRASIL.

PO1154 - PEPTIDE YY (3-36) INCREASES INTRACELLULAR CALCIUM CONCENTRATION BY MOBILIZING CALCIUM FROM
ENDOPLASMIC RETICULUM IN PRIMARY CULTURES OF HIPPOCAMPAL CELLS FROM RATS
MICHELLE FLORES DOMINGUES¹; DÊNIS REIS DE ASSIS²; DANIELE VIEIRA DA SILVA³; CHÁRISTON ANDRÉ DAL BELO²;
CELIA REGINA RIBEIRO DA SILVA CARLINI¹; JADERSON COSTA DACOSTA²
1.UFRGS, PORTO ALEGRE, RS, BRASIL; 2.PUCRS, PORTO ALEGRE, RS, BRASIL; 3.UNIPAMPA, SÃO GABRIEL, RS,
BRASIL.



10/07/2015
08:00-17:30
CENTRO DE CONVENÇÕES
POSTER SESSION III - NOVEL METHODS AND TECHNOLOGY DEVELOPMENT

PO1155 - TRANSPLANT OF KNOCK DOWN CDK5 ASTROCYTES IN RATS WITH GLOBAL CEREBRAL ISCHEMIA
ANDREA DEL PILAR BECERRA-CALIXTO; GLORIA PATRICIA CARDONA-GOMEZ
UNIVERSIDAD DE ANTIOQUIA, MEDELLIN, COLÔMBIA.

PO1156 - CAPILLARY ZONE ELECTROPHORESIS WITH LASER INDUCED FLUORESCENCE (CZE-LIFD): A METHOD TO EXPLORE THE PHYSIOLOGICAL ROLE OF POLYAMINES
LUIS RAFAEL BETANCOURT; PEDRO V. RADA; MARÍA J. GALLARDO; MIKE T. CONTRERAS; LUIS F. HERNÁNDEZ
UNIVERSIDAD DE LOS ANDES, MÉRIDA, VENEZUELA.

PO1157 - RAUWOLFIA VOMITORIA AND GONGRONEMA LATIFOLIUM EXTRACTS COMBINATION PROTECTS YOUNG RATS' HIPPOCAMPUS
MOSES BASSEY EKONG¹; ANIEKAN IMO PETER¹; UBONG UDO EKPENE²; MOKUTIMA AMARACHI ELUWA³; THERESA BASSEY EKANEM³
1.UNIVERSITY OF UYO, UYO, NIGERIA; 2.UNIVERSITY OF UYO TEACHING HOSPITAL, UYO, NIGERIA; 3.UNIVERSITY OF CALABAR, CALABAR, NIGERIA.

PO1158 - IN SILICO ANALYSIS OF BDNF PROTEIN ASSOCIATED TO PSYCHIATRIC DISORDERS
JAMILE YVIS SANTOS DE ALCANTARA; JOELMA FREIRE DE MESQUITA
UNIVERSIDADE FEDERAL DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1159 - 3D ISOTROPIC VOLUME IMAGING AND RECONSTRUCTION OF BIOLOGICAL SAMPLES USING SEM
GABRIELLA KISS¹; GREGOR HEISS¹; FAYSAL BOUGHORBEL¹; PAVEL POTOCEK²; LIESBETH HEKKING²; RON VAN DEN BOOGAARD²; EMINE KORKMAZ²; PAVEL CERNOHORSKY²; MILOS HOVORKA²; PAVEL POTOCEK²; BEN LICH²; MATTHIAS LANGHORST³
1.FEI, HILLSBORO, ESTADOS UNIDOS; 2.FEI ELECTRON OPTICS, B.V, EINDHOVEN, HOLANDA; 3.FEI CO., MUNICH, ALEMANHA.

PO1160 - PHOTOMODULATION OF G PROTEIN-COUPLED ADENOSINE RECEPTORS BY A NOVEL LIGHT-SWITCHABLE LIGAND
JAUME TAURA TAURA IGLESIAS¹; MARÍA ISABEL BAHAMONDE²; SILVIA PAOLETTA³; ANDREI GAKH³; SAIBAL CHAKRABORTY³; JORDI HERNANDO⁴; VÍCTOR FERNÁNDEZ-DUEÑAS¹; KENNETH JACOBSON³; PAU GOROSTIZA²; FRANCISCO CIRUELA¹
1.UNIVERSITAT DE BARCELONA, BARCELONA, ESPANHA; 2.INSTITUTE FOR BIOENGINEERING OF CATALONIA (IBEC), BARCELONA, ESPANHA; 3.MOLECULAR RECOGNITION SECTION (NIH), MARYLAND, ESTADOS UNIDOS; 4.UNIVERSITAT AUTÒNOMA DE BARCELONA, Cerdanyola del Valles, ESPANHA.

PO1161 - MOLECULAR DIFFERENTIATION OF MILD COGNITIVE IMPAIRMENT AND DEMENTIA PHASES IN ALZHEIMEROS DISEASE USING VIBRATIONAL SPECTROSCOPY
SEVGİ BAYAR¹; AKIN SEVINC²; BEDİLE İREM TİFTİKÇİOĞLU³; YASAR ZORLU³; FERİDE SEVERCAN²
1.HACETTEPE UNIVERSITY, ANKARA, TURQUIA; 2.MIDDLE EAST TECHNICAL UNIVERSITY, ANKARA, TURQUIA; 3.IZMİR TEPECİK TRAINING AND RESEARCH HOSPITAL, IZMİR, TURQUIA.



PO1162 - A SYSTEMS BIOLOGY APPROACH IDENTIFIES MOLECULAR REGULATORS OF NEUROINFLAMMATION ON BRAIN TRANSCRIPTIONAL PROFILES ASSOCIATED TO FEBRILE SEIZURES
HATYLAS AZEVEDO; NATHALIA KHALED; PAULA SANTOS; SILVIA YUMI BANDO; FERNANDA BERTONHA; CARLOS ALBERTO MOREIRA-FILHO
DEPARTMENT OF PEDIATRICS, FACULDADE DE MEDICINA DA USP, SAO PAULO, SP, BRASIL.

PO1163 - RAPID DRUG DELIVERY USING FEMTOSECOND LASER STIMULATED LIPOSOMES TO INTERFACE WITH NEURAL ACTIVITY
TAKASHI NAKAN01; ENG TAN2; KESHAV M DANI1; JEFF WICKENS1
1.OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY, OKINAWA, JAPÃO; 2.OTAGO UNIVERSITY, DUNEDIN, NOVA ZELÂNDIA.

PO1164 - A MULTIMODAL IMAGING APPROACH TO THE STUDY OF ALZHEIMER'S DISEASE
ANDRE SANTOS SANTOS RIBEIRO1; LUIS LACERDA2; HUGO FERREIRA3; DAVID NUTT1; JOHN MCGONIGLE1
1.CENTRE FOR NEUROPSYCHOPHARMACOLOGY, DIVISION OF BRAIN SCIENCES, DEPARTMENT OF MEDICINE, IMPERIAL COLLEGE LONDON, LONDON, REINO UNIDO; 2.CENTRE FOR NEUROIMAGING SCIENCES, INSTITUTE OF PSYCHIATRY PSYCHOLOGY AND NEUROSCIENCE, KING'S COLLEGE LONDON, LONDON, REINO UNIDO; 3.INSTITUTE OF BIOPHYSICS AND BIOMEDICAL ENGINEERING OF THE FACULTY OF SCIENCES OF THE UNIVERSITY OF LISBON, LISBON, PORTUGAL.

PO1165 - FEATURES OF CALF BRAIN CELL NUCLEAR MEMBRANE GLCNAC-SPECIFIC LECTINS
TAMAR MACHARADZE1; LINA KHARAZISHVILI2; GIORGI KHAREBAVA3; RUSUDAN AKHALKATSI2
1.IV.JAVAKHISHVILI TBILISI UNIVERSITY, TBILISI, GEORGIA; 2.IV.JAVAKHISHVILI TBILISI STATE UNIVERSITY, TBILISI, GEORGIA; 3.UNIVERSITY OF LOUISVILLE, LOUISVILLE, ESTADOS UNIDOS.

PO1166 - COMPARISON OF METHODS FOR PRIORITIZATION OF GENES ASSOCIATED TO NEURODEVELOPMENT DISORDERS
ARTHUR SANTANNA FELTRIN; DAVID CORREA MARTINS-JR
UFABC, SANTO ANDRE, SP, BRASIL.

11/07/2015
08:00-14:00
CENTRO DE CONVENÇÕES
POSTER SESSION IV - DEVELOPMENT

PO1167 - RETINOIC ACID-INDUCED MODULATION OF RETINOID RECEPTORS EXPRESSION DURING NEURONAL DIFFERENTIATION
CAROLINA SAIBRO GIRARDI; KARINA KLAFKE; ALFEU ZANOTTO FILHO; JOSÉ CLÁUDIO FONSECA MOREIRA; DANIEL PENS GELAIN
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO1168 - ROLE OF ALPHA-SNAP IN THE MAINTENANCE OF N-CADHERIN-BASED ADHERENS JUNCTIONS DURING BRAIN DEVELOPMENT
LUIS FEDERICO BATIZ1; DIEGO A. ACUÑA1; ZAHADY D. VELASQUEZ2; ROSA I. MUÑOZ2; MARIA P. MIRO1; BRYAN G. HINRICHSSEN1; MARÍA C. ROQUERO-MAÑUECO3; GUILLERMO C. MARQUEZ1; CAMILO A. MUÑOZ1; VIVIANA A. CAVIERES4; GONZALO A. MARDONES4; THILO KAEHNE5; ANTONIO J. JIMENEZ3; PATRICIA V. BURGOS4
1.CISNE & INSTITUTO DE HISTOLOGIA, UNIVERSIDAD AUSTRAL DE CHILE, VALDIVIA, CHILE; 2.UNIVERSIDAD AUSTRAL DE CHILE, VALDIVIA, CHILE; 3.DEPARTAMENTO DE BIOLOGIA CELULAR, GENETICA Y FISILOGIA, UNIVERSIDAD DE



MALAGA, MALAGA, ESPANHA; 4.CISNE & INSTITUTO DE FISILOGIA, UNIVERSIDAD AUSTRAL DE CHILE, VALDIVIA, CHILE; 5.INSTITUTE OF EXPERIMENTAL INTERNAL MEDICINE, OTTO-VON-GUERCKE-UNIVERSITÄT, MAGDEBURG - GERMANY, MAGDEBURG, CHILE.

PO1169 - HSP90 HETEROCOMPLEX PROTEINS INFLUENCE SVZ CELL MIGRATION IN A NON-CLASSICAL MANNER
DIEGO MARQUES COELHO¹; LEO MORITA MIYAKOSHI¹; LUCIANA NOGAROLI CAVALCANTI¹; SILVIO MARQUES ZANATA²; CECILIA HEDIN PEREIRA¹

1.BIOFÍSICA CARLOS CHAGAS FILHO, RIO DE JANEIRO, RJ, BRASIL; 2.DEPARTAMENTO DE PATOLOGIA, CURITIBA, PR, BRASIL.

PO1170 - ABSOLUTE CELLULAR COMPOSITION OF THE HUMAN CEREBRAL CORTEX IS PRESERVED FOR NEURONS BUT NOT FOR NON-NEURONAL CELLS IN AGING

EMILY JOHANNA CASTRO FONSECA¹; CAMILA GOMES DA SILVA¹; CARLOS HUMBERTO ANDRADE-MORAES¹; VILSON CARDOSO DE OLIVEIRA¹; ANA TEREZA DI LORENZO ALHO²; RENATA ELAINE PARAISO LEITE²; RENATA ELOAH DE LUCENA FERRETTI-REBUSTINI²; JOSÉ MARCELO FARFEL²; CLAUDIA KIMIE SUEMOTO²; CARLOS AUGUSTO PASQUALUCCI²; WILSON JACOB-FILHO²; LEA TENENHOLZ GRINBERG²; ROBERTO LENT¹

1.INSTITUTE OF BIOMEDICAL SCIENCES, FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.AGING BRAIN STUDY GROUP, LIM 22, UNIVERSITY OF SÃO PAULO MEDICAL SCHOOL, SÃO PAULO, SP, BRASIL.

PO1171 - EFFECT OF CANNABINOID HEMOGLOBIN-DERIVED PEPTIDES (RVD-HEMOPRESSIN AND VD-HEMOPRESSIN) IN THE POSTNATAL MICE SUBVENTRICULAR ZONE NEUROGENESIS

AGUSTIN SANDOVAL RIQUELME; CLARISSA DE SAMPAIO SCHITINE; RICARDO DE MELO REIS; CECILIA HEDIN PEREIRA
INSTITUTO BIOFISICA CARLOS CHAGAS FILHO, UNIVERSIDADE FEDERAL RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1172 - REELIN MODULATION OF CEREBRAL CORTEX LAYER 1 PROGENITOR CELLS IN POSTNATAL NEUROSPHERE ASSAY AND ADULT RATS AFTER ISCHEMIA INDUCED BY STROKE

AMANDA DUTRA¹; CECILIA HEDIN-PEREIRA²

1.INSTITUTO DE BIOFÍSICA CARLOS CHAGAS FILHO(IBCCF), UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.VPPLR-FIOCRUZ, RIO DE JANEIRO, RJ, BRASIL.

PO1173 - HIPPOCAMPAL FORMATION OF THE SEMIPALMATED PLOVER (CHARADRIUS SEMIPALMATUS): AN ARCHITECTONIC AND STEREOLOGICAL STUDY

PATRICK CORRÊA PEREIRA¹; NARA GYZELY DE MORAIS MAGALHÃES²; MAURO ANDRÉ DAMASCENO DE MELO¹; EDIELY PEREIRA HENRIQUE¹; CRISTOVAM GUERREIRO DINIZ¹

1.INSTITUTO FEDERAL DO PARÁ - CAMPUS BRAGANÇA, BRAGANÇA, PA, BRASIL; 2.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL.

PO1174 - DECREASE OF EPHA4 FORWARD SIGNALING ALLOWS NASAL RETINAL GANGLION CELLS AXONS TO INVADE THE ROSTRAL TECTUM AND FORME TERMINAL ZONES IN CAUDAL TECTUM DURING RETINOTECTAL MAPPING.

LUCIANO FIORE¹; MARA MEDORI¹; CINDY OLMOS CARREÑO¹; MELINA RAPACIOLI²; VIVIANA SANCHEZ¹; NESTOR CARRI³; GABRIEL SCICOLONE¹

1.INSTITUTO DE BIOLOGÍA CELULAR Y NEUROCIENCIA PROF. EDUARDO DE ROBERTIS (IBCN-UBA-CONICET) FACULTAD DE MEDICINA, UNIVERSIDAD DE BUENOS AIRES, BUENOS AIRES, ARGENTINA; 2.GRUPO INTERDISCIPLINARIO DE BIOLOGÍA TEÓRICA, UNIVERSIDAD FAVALORO, BUENOS AIRES, ARGENTINA; 3.INSTITUTO MULTIDISCIPLINARIO DE BIOLOGÍA CELULAR, (IMBICE CIC-CONICET)., BUENOS AIRES, ARGENTINA.

PO1175 - DECODING SUBPALLIAL NEURONAL DIVERSITY BY SINGLE CELL TRANSCRIPTOMIC PROFILING

NATJA HAAG¹; DANIEL PENSOLD²; JUDIT SYMMANK²; GABRIELA SALINAS-RIESTER³; THOMAS LINGNER³; CLAUDIA POMMERENKE³; FABIAN LUDEWIG³; TOMAS PIELER⁴; GERALDINE ZIMMER²



1. INSTITUTE FOR BIOCHEMISTRY I, UNIVERSITY HOSPITAL JENA, JENA, ALEMANHA; 2. INSTITUTE FOR HUMAN GENETICS/FUNCTIONAL GENETICS, UNIVERSITY HOSPITAL JENA, JENA, ALEMANHA; 3. UNIVERSITY OF GOETTINGEN, DEPT. OF DEVELOPMENTAL BIOCHEMISTRY, TRANSCRIPTOME ANALYSIS LABORATORY (TAL), GOETTINGEN, ALEMANHA; 4. UNIVERSITY OF GOETTINGEN, DEPT. OF DEVELOPMENTAL BIOCHEMISTRY, CENTER FOR NANOSCALE MICROSCOPY AND MOLECULAR PHYSIOLOGY OF THE BRAIN (CNMPB), GOETTINGEN, ALEMANHA.

PO1176 - STEREOLOGICAL ESTIMATE OF ANTI NEUN POSITIVE CELLS ON THE HIPPOCAMPAL FORMATION OF THE SEMIPALMATED PLOVER (CHARADRIUS SEMIPALMATUS).

EDIELY PEREIRA HENRIQUE¹; CRISTOVAM GUERREIRO DINIZ¹; NARA GYEZELY DE MORAIS MAGALHÃES²; MAURO ANDRÉ DAMASCENO DE MELO¹; PATRICK DOUGLAS CORRÊA PEREIRA¹; DANIEL GUERREIRO DINIZ²; DAVID FRANCIS SHERRY³; CRISTOVAM WANDERLEY PICANÇO DINIZ²

1. INSTITUTO FEDERAL DO PARÁ - CAMPUS BRAGANÇA, BRAGANÇA, PA, BRASIL; 2. UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 3. UNIVERSITY OF WESTERN ONTÁRIO, LONDON, CANADÁ.

PO1177 - ASTROCYTE IMPLANTATION REINDUCES OCULAR DOMINANCE PLASTICITY IN ADULT FERRET VISUAL CORTEX

WILLIAM ALEX FOXWORTHY; PABLO TRINDADE; ALEXANDRE MEDINA
UNIVERSITY OF MARYLAND - SCHOOL OF MEDICINE, BALTIMORE, ESTADOS UNIDOS.

PO1178 - CELLULAR RESISTANCE OF THE CENTRAL NERVOUS SYSTEM TO MODERATE PERINATAL HYPOXIA-ISCHEMIA
DANIELLE BRUNO; DANIELA UZIEL; ROBERTO LENT

ICB - UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1366 - MORPHOLOGICAL DESCRIPTION OF THE NERVOUS SYSTEM ON EMBRYOS AND FETUS OF FELIS CATUS (LINNAEUS, 1798).

FREDERICO GULHERME GOMES¹; ARTHUR PETROLA ALENCAR²; APARECIDA MARIA FONTES¹; MARIA ANGÉLICA MIGLINO¹

1. USP, SÃO PAULO, SP, BRASIL; 2. UFCA, BARBALHA, CE, BRASIL.

PO1367 - ETS PROTEINS IN NEURONAL SURVIVAL AND DIFFERENTIATION

ERAY SAHIN¹; ISIL AKSAN KURNAZ²

1. YEDITEPE UNIVERSITY, BIOTECHNOLOGY MSC PROGRAM, ISTANBUL, TURQUIA; 2. GEBZE TECHNICAL UNIVERSITY, KOCAELI, TURQUIA.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - EXCITABILITY, SYNAPTIC TRANSMISSION, NETWORK FUNCTION

PO1179 - APPLICATION OF A BAYESIAN TECHNIQUE TO ESTIMATE THE HIDDEN STATES OF THE BIOPHYSICAL MODEL FOR CALCIUM OSCILLATIONS IN NEURONS.

DIEGO CARDOSO ESTUMANHO¹; RAPHAEL COSTA CARVALHO¹; ERIK BENK²; HELCIO BARRETO ORLANDE¹; MARCELO JOSÉ COLAÇO¹; JORGE RIERA DIAZ²

1. COPPE-UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2. FLORIDA INTERNATIONAL UNIVERSITY, MIAMI, ESTADOS UNIDOS.

PO1180 - SNAPIN, A NEW PARTNER OF THE DOPAMINE TRANSPORTER

AMAIA MAITE ERDOZAIN¹; STÉPHANIE DE GOIS¹; VÉRONIQUE BERNARD¹; NICOLAS PIETRANCOSTA¹; PETER VANHOUTTE¹; VINCENT VIALOU¹; BRUNO GIROS²



1.NEUROSCIENCE PARIS SEINE, INSERM U 1130 , CNRS UMR 8246, PARIS, FRANÇA; 2.DEPARTMENT OF PSYCHIATRY, DOUGLAS MENTAL HEALTH UNIVERSITY INSTITUTE, MCGILL UNIVERSITY, MONTREAL, QUEBEC, MONTREAL, CANADÁ.

PO1181 - ANALYSIS OF NEURONAL NICOTINIC ACETYLCHOLINE RECEPTORS ALPHA4BETA2 ACTIVATION AND MODULATION BY LYPD6 AT THE SINGLE-CHANNEL LEVEL

CAMILA CARIGNANO; ESTEBAN BARILA; GUILLERMO FEDERICO SPITZMAUL
INSTITUTO DE INVERIGACIONES BIOQUÍMICAS DE BAHÍA BLANCA, BAHÍA BLANCA, ARGENTINA.

PO1182 - AUTO-ORGANIZED ZERO-LAG SYNCHRONIZATION INDUCED BY SPIKE-TIMING DEPENDENT PLASTICITY IN CORTICAL POPULATIONS

FERNANDA SELINGARDI MATIAS¹; PEDRO VALADÃO CARELLI²; CLAUDIO RUBÉN MIRASSO³; MAURO COPELLI²
1.UNIVERSIDADE FEDERAL DE ALAGOAS, MACEIÓ, AL, BRASIL; 2.UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE, PE, BRASIL; 3.UNIVERSITAT DE LES ILLES BALEARS, PALMA DE MALLORCA, ESPANHA.

PO1183 - MECHANISMS AND SIGNALING PATHWAYS NMDA PRECONDITIONING INVOLVED IN PREVENTING SEIZURES AND HIPPOCAMPAL CELL DEATH QUINOLINIC ACID-INDUCED

LEANDRA CELSO CONSTANTINO¹; SAMUEL VANDRESEN FILHO²; DANIELA B BERTOLDO¹; GIORDANO G VIOLA³; LUISA BINDER¹; MARK W LOPES¹; RODRIGO B LEAL¹; CARLA I TASCA¹
1.UFSC, FLORIANÓPOLIS, SC, BRASIL; 2.UFMT, CUIABÁ, MT, BRASIL; 3.UFS, SÃO CRISTÓVÃO, SE, BRASIL.

PO1184 - RELAXIN-3 AS A MEDIATOR OF DORSAL HABENULA FUNCTION

JOANNE SHU MING CHIA¹; SURESH JESUTHASAN²
1.NGS GRADUATE SCHOOL FOR INTEGRATIVE SCIENCES AND ENGINEERING, SINGAPORE, SINGAPURA; 2.INSTITUTE OF MOLECULAR AND CELL BIOLOGY, SINGAPORE, SINGAPURA.

PO1185 - THE ROLE OF LOCUS COERULEUS TRPV1 RECEPTORS IN PAIN MODULATION ON STREPTOZOTOCIN-INDUCED NEUROPATHY IN RATS

ZAHRA TASLIMI; RASULL ESMALI; ABDOLRAHMAN SARIHI
NEUROPHYSIOLOGY RESEARCH CENTER, HAMADAN UNIVERSITY OF MEDICAL SCIENCES, HAMADAN, IRAN.

PO1186 - EFFECTS OF VITAMINS E ON LEAD NEUROTOXICITY IN HIPPOCAMPAL SYNAPTIC PLASTICITY IN RAT

ALIREZA KOMAKI; RUHOLLAH KARAMIAN; IRAJ SALEHI; SIAMAK SHAHIDI; ABDOLRAHMAN SARIHI
NEUROPHYSIOLOGY RESEARCH CENTER, HAMADAN UNIVERSITY OF MEDICAL SCIENCES, HAMADAN, IRAN.

PO1187 - CARBONIC ANHYDRASE PH REGULATION MODULATES VESICLE AND TRANSMITTER RELEASE AT THE MOUSE NEUROMUSCULAR JUNCTION

NICOLÁS IVÁN BERTONE; AYLÉN IVANA GROISMAN; GRACIELA LUJÁN MAZZONE; OSVALDO D. UCHITEL
DEPARTMENT OF PHYSIOLOGY, MOLECULAR AND CELLULAR BIOLOGY, INSTITUTE OF PHYSIOLOGY, MOLECULAR BIOLOGY AND NEUROSCIENCE, IFIBYNE (UBA-CONICET), CIUDAD AUTÓNOMA DE BUENOS AIRES, BUENOS AIRES, ARGENTINA.

PO1188 - GLUTATHIONE SYNTHESIS INHIBITION ENHANCES NPAS4 GENE EXPRESSION IN CULTURED NEURONS FROM MICE HIPPOCAMPUS.

BRUNA PUTY; KAREN RENATA HERCULANO MATOS OLIVEIRA; EVANDER DE JESUS OLIVEIRA BATISTA; ANDERSON MANOEL HERCULANO
FEDERAL UNIVERSITY OF PARA, BELÉM, PA, BRASIL.

PO1189 - PSILOCYBIN-INDUCED CHANGES IN THE NETWORK ACTIVITY OF THE MOUSE ANTERIOR CINGULATE CORTEX

CAROLINE GOLDEN; MATTHEW BROWN; PAUL CHADDERTON
IMPERIAL COLLEGE LONDON, LONDON, REINO UNIDO.

PO1190 - MODULATION OF THE RECOVERY OF THE IMMEDIATELY RELEASABLE POOL BY CALCIUM IN MOUSE CHROMAFFIN CELLS

MAURICIO NORMAN MONTENEGRO; FERNANDO DIEGO MARENGO

INSTITUTE OF PHYSIOLOGY, MOLECULAR BIOLOGY AND NEUROSCIENCE, BUENOS AIRES, ARGENTINA.

PO1191 - DOPAMINERGIC RECEPTORS ACTIVATION IN THE PRELIMBIC CORTEX AND NUCLEUS ACCUMBENS CORE DISTURB SELECTIVELY THE INHIBITORY CONTROL OF BEHAVIORAL ALCOHOL-WITHDRAWAL RATS SUBMITTED TO A DISCRIMINATION TASK

JULIANA PENHA; JORGE NOBRE

DEPARTAMENTO DE PSICOLOGIA, FACULDADE DE FILOSOFIA, CIÊNCIAS E LETRAS DE RIBEIRÃO PRETO, UNIVERSIDADE DE SÃO PAULO (USP), RIBEIRÃO PRETO, SP, BRASIL.

PO1192 - NON-SELECTIVE NATURE OF NICOTINIC RECEPTOR LIGANDS: FUNCTIONAL IMPLICATIONS

MARTHA ISABEL DÁVILA-GARCÍA; ADEBOWALE EMMANUEL OGUNJIRIN; HARRIET W KAMENDI

HOWARD UNIVERSITY, WASHINGTON, DC, ESTADOS UNIDOS.

PO1193 - FUNCTIONAL EVALUATION OF NEURONS AND GLIAL CELLS FROM MIXED EMBRYONIC CULTURES OF CHICK RETINA USING SINGLE CELL CALCIUM IMAGING

HÉRCULES REZENDE FREITAS¹; GABRIEL FERRAZ DA SILVA¹; VICTOR TULIO RIBEIRO-RESENDE¹; ANDERSON MANOEL HERCULANO²; RICARDO AUGUSTO DE MELO REIS¹

1.FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.FEDERAL UNIVERSITY OF PARÁ, BELÉM, PA, BRASIL.

PO1194 - HIPPOCAMPUS-DEPENDENT BEHAVIORAL FLEXIBILITY IS SEVERELY IMPAIRED IN JACOB/NSMF MOUSE MUTANTS THAT LACK HOMEOSTATIC AND SYNAPTIC SCALING

GUILHERME M. M. GOMES¹; JORGE RICARDO BERGADO ACOSTA²; OLIVER STORK²; MICHAEL R. KREUTZ³

1.RG NEUROPLASTICITY, LEIBNIZ INSTITUTE FOR NEUROBIOLOGY, MAGDEBURG, ALEMANHA; 2.DEPARTMENT OF GENETICS AND MOLECULAR NEUROBIOLOGY, INSTITUTE OF BIOLOGY, OTTO VON GUERICKE UNIVERSITY, MAGDEBURG, ALEMANHA; 3.1RG NEUROPLASTICITY, LEIBNIZ INSTITUTE FOR NEUROBIOLOGY, MAGDEBURG, ALEMANHA.

PO1195 - INVOLVEMENT OF CENTRAL MONOAMINERGIC SYSTEM AFTER ACUTE TREATMENT WITH BENZIDAMINE IN MICE.

MICHELE ALBUQUERQUE JALES DE CARVALHO; MARIANA LIMA FEITOSA; ALANA GOMES DE SOUZA; KLISTENES ALVES DE LIMA; MARTA MARIA DE FRANCA FONTELES; FRANCISCA CLÉA FLORENCO DE SOUSA

FEDERAL UNIVERSITY OF CEARÁ, FORTALEZA, CE, BRASIL.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - DISORDERS OF THE NERVOUS SYSTEM

PO1196 - AGMATINE REVERSES RESERPINE-INDUCED OROFACIAL DYSKINESIA IN MICE

ANDREIA SIMOES DE CASTRO CUNHA; FILIPE CARVALHO MATHEUS; MORGANA MORETTI; DANUBIA BONFANTI DOS SANTOS; DIRLEISE COLLE; MAURÍCIO PEÑA CUNHA; ANA LUCIA SEVERO RODRIGUES; MARCELO FARINA; RUI DANIEL SCHRODER PREDIGER

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANOPOLIS, SC, BRASIL.

PO1197 - AFFECTIVE DISORDERS: ROLE OF IMMUNE-INFLAMMATORY CYTOKINES, OXIDATIVE STRESS AND MICRONUTRIENTS. CLINICAL STUDY. SERUM BIOMARKERS IN AFFECTIVE DISORDERS. CLINICAL TRIAL. PAULINA MISZTAK¹; MAGDALENA SOWA-KUCMA²; KRZYSZTOF STYCZEŃ³; MARCIN SIWEK³; DOMINIKA DUDEK³; BERNADETA SZEWCZYK²; WITOLD RECZYŃSKI⁴; GABRIEL NOWAK¹
1.CHAIR OF PHARMACOBIOLOGY, JAGIELLONIAN UNIVERSITY MEDICAL COLLEGE, KRAKOW, POLÓŃIA; 2.LABORATORY OF TRACE ELEMENTS NEUROBIOLOGY, INSTITUTE OF PHARMACOLOGY PAS, KRAKOW, POLÓŃIA; 3.DEPARTMENT OF AFFECTIVE DISORDERS, CHAIR OF PSYCHIATRY, JAGIELLONIAN UNIVERSITY MEDICAL COLLEGE, KRAKOW, POLÓŃIA; 4.CHAIR OF ANALYTICAL CHEMISTRY, UNIVERSITY OF SCIENCE AND TECHNOLOGY, KRAKOW, POLÓŃIA.

PO1198 - NEUROTOXICITY AND SYNAPTIC TRANSMISSION ALTERATIONS IN RAT ORGANOTYPIC HIPPOCAMPAL SLICE MODELS OF ETHANOL DEPENDENCE AND WITHDRAWAL DOMENICO E PELLEGRINI-GIAMPIETRO; ELISABETTA GERACE; ELISA LANDUCCI; TANIA SCARTABELLI; FLAVIO MORONI; GUIDO MANNAIONI
UNIVERSITY OF FLORENCE, FLORENCE, ITALY.

PO1199 - FERULIC ACID POSSESSES ANXIOLYTIC ACTIVITY IN MICE OZLEM PINAR; NURCAN BEKTAS; RANA ARSLAN
ANADOLU UNIVERSITY FACULTY OF PHARMACY DEPARTMENT OF PHARMACOLOGY, ESKISEHIR, TURQUIA.

PO1200 - BEHAVIOURAL PHENOTYPING OF CONDITIONAL CEREBELLAR SPECIFIC CHD7- DEFICIENT MICE ANGELA CARUSO¹; KIMBERLEY LAURA HENRIETTE RIEGMAN²; CATERINA MICHETTI³; MARA SABBIONI³; ALBERT M BASSON⁴; CATHY FERNANDES²; MARIA LUISA SCATTONI³
1.ISTITUTO SUPERIORE DI SANITÀ,DEPARTMENT OF CELL BIOLOGY AND NEUROSCIENCE, ROME, ITALY; 2.KING'S COLLEGE LONDON, INSTITUTE OF PSYCHIATRY, PSYCHOLOGY AND NEUROSCIENCE, LONDON, REINO UNIDO; 3.ISTITUTO SUPERIORE DI SANITÀ, DEPARTMENT OF CELL BIOLOGY AND NEUROSCIENCE, ROME, ITALY; 4.KING'S COLLEGE LONDON, DEPARTMENT OF CRANIOFACIAL DEVELOPMENT & STEM CELL BIOLOGY, LONDON, REINO UNIDO.

PO1201 - CHARACTERIZATION OF FOXP2 FUNCTIONS IN THE MOUSE CORTEX: A ROLE IN SOCIAL BEHAVIOUR AND VOCAL COMMUNICATION VERA MEDVEDEVA¹; MICHAEL RIEGER²; CÉDRIC MOMBÉREAU¹; CHRISTOPH ZIEGENHAIN³; SYLVIE GRANON⁴; WOLFGANG ENARD³; JOSEPH DOUGHERTY²; MATTHIAS GROSZER¹
1.INSERM UMR-S839, INSTITUT DU FER À MOULIN, PARIS, FRANÇA; 2.WASHINGTON UNIVERSITY, ST.LOUIS, ESTADOS UNIDOS; 3.LUDWIG MAXIMILIANS UNIVERSITY, MUNICH, ALEMANHA; 4.UNIVERSITÉ PARIS-SUD 11, ORSAY, FRANÇA.

PO1202 - VEGF AND G-CSF GENES AND HUMAN ADIPOSE-DERIVED MESENCHYMAL STEM CELLS IN THE MOUSE SCIATIC NERVE TRANSECTION AND TUBULIZATION MODEL JULIA TEIXEIRA OLIVEIRA¹; DANIELA DE OLIVEIRA VON ZUBEN¹; PRISCILA MATSUMOTO²; FERNANDA MARTINS DE ALMEIDA¹; SANG HAN²; ANA MARIA BLANCO MARTINEZ¹
1.UFRJ, RIO DE JANEIRO, RJ, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL.

PO1203 - DAILY VARIATION HAS EFFECT ON DIFFERENTIAL GENE EXPRESSION ANALYSIS IN THE HIPPOCAMPUS OF THE PILOCARPINE-INDUCED MODEL OF MESIAL TEMPORAL LOBE EPILEPSY. THALITA EWELLYN BATISTA SALES MARQUES¹; EVELIN ANTONIELI DA SILVA SANTOS¹; MYKAELLA ANDRADE DE ARAÚJO¹; BRUNA PRISCILA SANTOS¹; JOÃO PEREIRA LEITE²; NORBERTO GARCIA-CAIRASCO²; MARIA LUISA PAÇO-LARSON²; DANIEL LEITE GÓES GITAÍ¹
1.FEDERAL UNIVERSITY OF ALAGOAS, MACEIÓ, AL, BRASIL; 2.UNIVERSITY OF SÃO PAULO, RIBEIRÃO PRETO, RIBEIRÃO PRETO, SP, BRASIL.

PO1204 - URSOLIC ACID PREVENTS THE DEPRESSIVE-LIKE BEHAVIOR AND THE REDUCED PREFRONTAL CORTEX BDNF LEVELS INDUCED BY CHRONIC CORTICOSTERONE ADMINISTRATION IN MICE

ANDRÉ ROBERTO COLLA¹; FRANCIS LEONARDO PAZINI¹; MORGANA MORETTI²; PRISCILA BATISTA DA ROSA¹; VICENTE LIEBERKNECHT¹; ANA LÚCIA SEVERO RODRIGUES¹

1.UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL; 2.UNIVERSIDADE REGIONAL DE BLUMENAU, BLUMENAU, SC, BRASIL.

PO1205 - SELECTIVE REDUCTION OF CEREBRAL CORTEX GABA NEURONS IN A LATE GESTATION MODEL OF FETAL ALCOHOL SPECTRUM DISORDER

JOHN F SMILEY; MARIKO SAITO; CYNTHIA BLEIWAS; KURT MASIELLO; BABAK ARDEKANI; DAVID N. GUILFOYLE; SCOTT GERUM; DONALD A. WILSON; CSABA VADASZ

NATHAN KLINE INSTITUTE, ORANGEBURG, ESTADOS UNIDOS.

PO1206 - REMARKABLE ALTERATIONS OF NAV1.6 IN ASTROCYTES IN THE PROCESS OF EPILEPTOGENESIS

YONGHUA JI; HONGYAN ZHU; YUXIAO ZHAO; HAO WU

SHANGHAI UNIVERSITY, SHANGHAI, CHINA.

PO1207 - GLIAL RESPONSE IN VIRAL ENCEPHALITIS INDUCED MARABÁ VIRUS

ALEXANDRE MAIA DE FARIAS¹; JOSÉ ANTÔNIO PICANÇO DINIZ²; ANA PAULA DRUMMOND RODRIGUES²; CAMILA MENDES¹

1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.INSTITUTO EVANDRO CHAGAS, BELÉM, PA, BRASIL.

PO1208 - ANALYSIS OF THE EXPRESSION OF CYTOKINES AND NITRIC OXIDE IN VIRAL ENCEPHALITIS INDUCED BY MARABÁ VIRUS

JOSÉ ANTONIO PICANÇO DINIZ¹; ALEXANDRE MAIA DE FARIAS²; ANA PAULA DRUMMOND RODRIGUES¹

1.INSTITUTO EVANDRO CHAGAS, BELÉM, PA, BRASIL; 2.UNIVERSIDADE FEDERAL DO PARÁ, BELEM, PA, BRASIL.

PO1209 - THE DOUBLE OUTCOME OF ANTIDEPRESSANT TREATMENT ON NEURAL FUNCTION AND BEHAVIOR DEPENDS ON THE QUALITY OF THE LIVING ENVIRONMENT

SILVIA POGGINI¹; GIAMPAOLO MILIORI²; SILVIA ALBONI³; NICOLETTA BRUNELLO³; FRANCESCA CIRULLI¹; LAURA MAGGI²; IGOR BRANCHI¹

1.ISTITUTO SUPERIORE DI SANITÀ, DEPARTMENT OF CELL BIOLOGY AND NEUROSCIENCES, ROMA, ITALY; 2.SAPIENZA UNIVERSITY OF ROME, DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY "V. ERSPAMER", ROMA, ITALY; 3.UNIVERSITY OF MODENA AND REGGIO EMILIA, DEPARTMENT OF LIFE SCIENCES, MODENA, ITALY.

PO1210 - TRANSPLANTATION OF HUMAN SKIN-DERIVED MESENCHYMAL STEM CELLS IMPROVES LOCOMOTOR RECOVERY IN A RAT MODEL OF SPINAL CORD INJURY

RAUL BARDINI BARDINI BRESSAN¹; FERNANDA ROSENE MELO²; FORNER STEFANIA³; GILES ALEXANDER RAE³; CLAUDIA PINTO FIGUEIREDO⁴; ANDREA GONCALVES TRENTIN²

1.MRC CENTRE FOR REGENERATIVE MEDICINE - THE UNIVERSITY OF EDINBURGH, EDINBURGH, REINO UNIDO; 2.DEPARTMENT OF CELL BIOLOGY, EMBRYOLOGY AND GENETICS - FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANOPOLIS, SC, BRASIL; 3.DEPARTMENT OF PHARMACOLOGY - FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANOPOLIS, SC, BRASIL; 4.CENTER OF HEALTH SCIENCES - FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1211 - TRANSCRIPTOME PROFILE OF DORSAL AND VENTRAL DENTATE GYRUS OF A RAT EPILEPSY MODEL INDUCED BY FOCAL HIPPOCAMPAL EXCITATION

ANDRE SCHWAMBACH SCHWAMBACH VIEIRA¹; ALEXANDRE H B MATOS¹; AMANDA M CANTO¹; CRISTIANE S ROCHA¹; BENILTON CARVALHO¹; VINICIUS PASCOAL¹; ROVILSON GLIOLI²; ISCIA LOPES-CENDES¹



1.DEPARTMENT OF MEDICAL GENETICS, SCHOOL OF MEDICAL SCIENCES, UNIVERSITY OF CAMPINAS - UNICAMP, SP, BRAZIL AND THE BRAZILIAN INSTITUTE OF NEUROSCIENCE AND NEUROTECHNOLOGY (BRAINN).,, CAMPINAS, SP, BRASIL; 2.LABORATORY OF ANIMAL QUALITY CONTROL (CEMIB), UNIVERSITY OF CAMPINAS – UNICAMP, CAMPINAS, SP, BRAZIL, CAMPINAS, SP, BRASIL.

PO1212 - MAGNETIC RESONANCE IMAGING CHANGES IN PILOCARPINE MODEL OF TEMPORAL LOBE EPILEPSY
RENATA BARBOSA; ANDRÉ SCHWAMBACH VIEIRA; ALEXANDRE HILÁRIO BERENGUER DE MATOS; BRUNNO MACHADO DE CAMPOS; RAPHAEL FERNANDES CASSEB; ROVILSON GILIOI; ISCIA LOPES-CENDES; FERNANDO CENDES
UNIVERSITY OF CAMPINAS, CAMPINAS, SP, BRASIL.

PO1213 - EPIGENETIC INHERITANCE OF BEHAVIOR AND ORGANIZATION OF CORTICAL CIRCUITS IN THE VPA ANIMAL MODEL OF AUTISM

JULIANA ALVES BRANDAO; CAROLINA ARAUJO-SOUZA; PEDRO BRUNO FERNANDES; ANA MARIA ARAÚJO SOARES; MARCOS ROMUALDO COSTA; RODRIGO NEVES ROMCY-PEREIRA
BRAIN INSTITUTE – FEDERAL UNIVERSITY OF RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO1214 - HISTOPATHOLOGICAL ANALYSIS OF BRAIN IN ATHEROSCLEROTIC MICE TREATED WITH G-CSF
LOHAYNE SIMÕES BARBOSA; KAMILA BRISON CRICO; RAFAELA AIRES; ISABELA BINOTTI DE ARAUJO; BRUNELLI DA RÓS PERUCH; SILVANA DOS SANTOS MEYRELLES; MARCO CESAR CUNEGUNDES GUIMARÃES; BRENO VALENTIM NOGUEIRA
UFES, VITÓRIA, ES, BRASIL.

PO1215 - INTRODUCING IPS-DERIVED PERICYTES FOR STUDYING PERICYTE-TO-NEURON CONVERSION
MARISA KAROW¹; RADHIKA MENON¹; CHRISTIAN SCHICHOR²; BEATE WINNER³; BENEDIKT BERNINGER⁴
1.LMU MÜNCHEN, PHYSIOLOGICAL GENOMICS, MUNICH, ALEMANHA; 2.LMU MÜNCHEN, DEPARTMENT OF NEUROSURGERY, MUNICH, ALEMANHA; 3.IKFZ, ERLANGEN, ERLANGEN, ALEMANHA; 4.JGU, MAINZ, ALEMANHA.

PO1216 - 1H-MRS IN MESIAL TEMPORAL LOBE EPILEPSY WITH AND WITHOUT HIPPOCAMPAL ATROPHY.
LUCIANA RAMALHO PIMENTEL-SILVA; RAPHAEL FERNANDES CASSEB; MARINA ALVIM KOUTSODONTIS; CLARISSA LIN YASSUDA; GABRIELA CASTELLANO; FERNANDOS CENDES
UNICAMP, CAMPINAS, SP, BRASIL.

PO1217 - AMINOCHROME AND METALS INHIBIT THE MICROTUBULES POLYMERIZATION THROUGH OF THE ADDUCTS FORMATION WITH TUBULIN AND AFFECT INTRACELLULAR PROTEIN DEGRADATION MECHANISMS.

IRMGARD PARIS¹; ANDREA BRICEÑO²; PATRICIA MUÑOZ²; PATRICIA BRITO¹; KARINA CORTÉS¹; MARIO PIÑONES¹; DANIELA URRUTIA²; SANDRO HUENCHUGUALA²; CATALINA MELÉNDEZ¹; MARIANELA ARÉVALO¹; JUAN SEGURA-AGUILAR²

1.DEPARTAMENTO DE CIENCIAS BÁSICAS, FACULTAD DE CIENCIAS, UNIVERSIDAD SANTO TOMÁS, VIÑA DEL MAR, CHILE; 2.PROGRAMA DE FARMACOLOGÍA MOLECULAR Y CLÍNICA, FACULTAD DE MEDICINA, UNIVERSIDAD DE CHILE, SANTIAGO, CHILE.

PO1218 - RESIDUAL EFFECT OF ACUTE ETHANOL EXPOSURE ON MITOCHONDRIAL PHISIOLOGY IN MOUSE BRAIN CORTEX AND CEREBELLUM

ANALÍA KARADAYIAN; ANALIA CZERNICZYNIC; PAULINA LOMBARDI; JUANITA BUSTAMANTE; SILVIA LORES ARNAIZ
INSTITUTO DE BIOQUÍMICA Y MEDICINA MOLECULAR, FACULTAD DE FARMACIA Y BIOQUÍMICA, UNIVERSIDAD DE BUENOS AIRES, BUENOS AIRES, ARGENTINA.

PO1219 - SELECTIVE EFFECTS OF CORTICOSTERONE PRE-TREATMENT IN LPS-INDUCED NFKB NUCLEAR TRANSLOCATION IN ASTROCYTES OF MIXED PRIMARY CORTICAL CULTURES



ÉRICA DE ALMEIDA DUQUE; DIELLY CATRINA FAVACHO LOPES; LEONARDO SANTANA NOVAES; NILTON BARRETO SANTOS; JENNIFER ROCHA RODRIGUES; JULIANO GENARO PERFETTI; GUIOMAR WIEZEL; CAROLINA DEMARCHI MUNHOZ

DEPARTMENT OF PHARMACOLOGY, ICB / USP, SÃO PAULO, SP, BRASIL.

PO1220 - ROLE OF CORTICOTROPIN-RELEASING FACTOR AND PROTEIN KINASE A CASCADE INTO THE MOUSE DORSAL PERIAQUEDUCTAL GRAY (DPAG) IN THE MEDIATION OF BEHAVIORAL RESPONSES ELICITED BY ELEVATED PLUS MAZE EXPOSITION

TARCISO TADEU MIGUEL¹; RAFAELLA MISAEL QUEIROZ¹; RICARDO LUIZ NUNES-DE-SOUZA²

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PO1221 - IMPROVEMENT OF CORTICOSPINAL MOTOR NEURON HEALTH IS CRITICALLY IMPORTANT FOR MOTOR NEURON DISEASES, IN WHICH VOLUNTARY MOVEMENT IS IMPAIRED

HANDE OZDINLER

NORTHWESTERN UNIVERSITY, FEINBERG SCHOOL OF MEDICINE, CHICAGO, ESTADOS UNIDOS.

PO1222 - FREE-RADICAL PROCESSES AS AN INDICATOR FOR AN EARLY STAGE DIAGNOSIS OF PARKINSON DISEASE
NARINE GHAZARYAN; VERGINE CHAVUSHYAN; NAIRA AYVAZIAN

L.ORBELI INSTITUTE OF PHYSIOLOGY, NAS OF ARMENIA, YEREVAN, ARMENIA.

PO1223 - TRANSPLANTATION OF MONONUCLEAR CELLS FROM HUMAN-UMBILICAL CORD BLOOD MODULATES INFLAMMATORY RESPONSE BY IL-1 β IN THE MODEL OF GERMINAL MATRIX/INTRAVENTRICULAR HEMORRHAGE

PAMELLA NUNES AZEVEDO; BARBARA NUNES AZEVEDO; SAMUEL GREGGIO; JADERSON COSTA DA COSTA
PUCRS, PORTO ALEGRE, RS, BRASIL.

PO1224 - POST-TRAUMATIC SLEEP AS A BIOINDICATOR OF INFLAMMATION: NOVEL TNF-R INHIBITORS RESTORE FUNCTION FOLLOWING EXPERIMENTAL TBI.

RACHEL K ROWE¹; JORDAN L HARRISON¹; HONGTAO ZHANG²; ADAM D BACHSTETTER³; LINDA J VAN ELDIK³; DAVID P HESSON²; MARK I GREENE²; JONATHAN LIFSHITZ¹

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PO1225 - LIPID PEROXIDATION IS KEY TO NEURONAL CELL DEATH IN THE INFERIOR COLLICULUS OF STREPTOZOTOCIN-INDUCED DIABETIC RATS

HELEN BASSEY AKPAN; PHILEMON DAUDA SHALLIE; ADEBAYO KEHINDE ADEFULE; THOMAS KEHINDE ADENOWO
OLABISI ONABANJO UNIVERSITY, AGO-IWOYE, NIGERIA.

PO1226 - CHRONIC CAFFEINE AND COCAINE ADMINISTRATION INDUCES LOCOMOTOR SENSITIZATION AND REDUCED MRNA EXPRESSION OF DOPAMINE, ADENOSINE AND GLUTAMATE RECEPTORS IN THE MOUSE STRIATUM.

JAVIER ANDRÉS MUÑOZ¹; BETINA GONZALEZ¹; CELESTE RIVERO-ECHETO²; JEAN LUD CADET³; EDGAR GARCIA-RILL⁴; FRANCISCO J URBANO²; VERONICA BISAGNO¹

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PO1227 - A TURKISH THREE-CENTRE STUDY EVALUATION OF SERUM FOLIC ACID AND VITAMIN B12 LEVELS IN ALZHEIMER'S DISEASE

NURAY NURIYE ULUSU¹; GOKHAN YILMAZ²; ZUBEYDE ERBAYRAKTAR³; AHMET EVLICE⁴; SEVGİ ARAS⁵; GORSEV YENER³; ASLIHAN AVCI⁵

1.KOÇ UNIVERSITY, İSTANBUL, TURQUIA; 2.UNIVERSITY COLLEGE LONDON, LONDON, REINO UNIDO; 3.DOKUZ EYLUL UNIVERSITY, IZMİR, TURQUIA; 4.ÇUKUROVA UNIVERSITY, ADANA, TURQUIA; 5.ANKARA UNIVERSITY FACULTY, ANKARA, TURQUIA.

PO1228 - ROLE OF KININS RECEPTOR B2 IN THERAPY OF PARKINSON'S DISEASE IN ANIMAL MODEL
HELLIO DANNY NÓBREGA DE SOUZA; ENEAS GALDINI FERRAZOLI; AGATHA OLIVEIRA; ALEXANDER HENNING ULRIC
UNIVERSIDADE DE SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO1229 - ELECTROPHYSIOLOGICAL, NEUROCHEMICAL AND INFLAMMATORY CHANGES IN THE RETINAL TISSUE IN MURINE MODEL OF CEREBRAL MALARIA INDUCED BY PLASMODIUM BERGHEI ANKA INFECTION
LUANA KETLEN REIS LEÃO DA PENHA; NAYARA KAUFFMANN; LIZANDRA CAROLINA DOS SANTOS SOUTO; ANA PAULA SOUZA ARAUJO; EVANDER DE JESUS OLIVEIRA BATISTA; ANDERSON MANOEL HERCULANO; KAREN RENATA HERCULANO MATOS OLIVEIRA
FEDERAL UNIVERSITY OF PARA, BELÉM, PA, BRASIL.

PO1230 - POST-WEANING SOCIAL ISOLATION, BUT NOT PRENATAL POLY:IC TREATMENT, POTENTIATE HYPERACTIVITY TO NOVELTY AND ACUTE AMPHETAMINE-INDUCED STEREOTYPED BEHAVIOR IN MICE
ALINE RIBEIRO BORCOI¹; ANDRE WILLIAN HOLLAIS²; RAPHAEL WUO SILVA²; RENAN SANTOS BALDAIA²; LILIANE MINGLINI BARBOSA CECCON²; LAIS FERNANDA BERR²; KARINA AGUSTINI ZANIN²; CAMILLA LIMA PATTI²; STEPHANIE BERZIN GRAPIGLIA²; JULIANA DALBÓ¹; GABRIELLY ASSIS ROBÉ¹; ROBERTO FRUSSA FILHO²
1.UFES, ALEGRE, ES, BRASIL; 2.UNIFESP, SÃO PAULO, SP, BRASIL.

PO1231 - A SINGLE DOSE OF S-KETAMINE INDUCES LONG-TERM ANTIDEPRESSANT EFFECTS AND DECREASES OXIDATIVE STRESS IN ADULTHOOD RATS FOLLOWING MATERNAL DEPRIVATION
GISLAINE ZILLI ZILLI REUS¹; ANELISE S. CARLESSI; HELENA M. ABELAIRA²; ZULEIDE MARIA IGNACIO²; AMANDA L. MACIEL²; MARIA AUGUSTA B. DOS SANTOS²; BEATRIZ I. MATIAS²; LIVIA BRUCHCHEN²; DRIELLY FLORENTINO³; ANDRIELE VIEIRA³; FABRICIA PETRONILHO³; JOAO QUEVEDO¹
1.UTHEALTH, HOUSTON, ESTADOS UNIDOS; 2.UNESC, CRICIUMA, SC, BRASIL; 3.UNISUL, TUBARAO, SC, BRASIL.

PO1232 - INVESTIGATING MOLECULAR MECHANISMS PREDISPOSING TO EPILEPSY IN A GENETICALLY DETERMINED ANIMAL MODEL
ALEXANDRE MATOS¹; ANDRE VIEIRA¹; VINICIUS PASCOAL²; CRISTIANE ROCHA¹; DEBORAH NASCIMENTO³; SARAH MARTINS³; MARCIO MORAES³; CLAUDIA MAURER-MORELLI¹; ALMIR MARTINS³; ANA LUCIA GODARD⁴; ISCIA LOPES-CENDES¹
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2.DEPARTMENT OF BASICS SCIENCES, FLUMINENSE FEDERAL UNIVERSITY - UFF, NOVA FRIBURGO, RJ, BRASIL;
3.DEPARTMENT OF PHYSIOLOGY AND BIOPHYSICS, INSTITUTE OF BIOLOGICAL SCIENCES, FEDERAL UNIVERSITY OF MINAS GERAIS – UFMG, MINAS GERAIS, MG, BRASIL; 4.DEPARTMENT OF BIOLOGY, INSTITUTE OF BIOLOGICAL SCIENCES, FEDERAL UNIVERSITY OF MINAS GERAIS – UFMG, MINAS GERAIS, MG, BRASIL.

PO1233 - OXIDATIVE STRESS CAUSED BY OZONE EXPOSURE PRODUCES B AMYLOID 1-42 ACCUMULATION IN MITOCHONDRIA, ENDOPLASMIC RETICULUM AND GOLGI APPARATOUS OF RAT HIPPOCAMPAL NEURONS
LUIS FERNANDO HERNANDEZ; SELVA RIVAS-ARANCIBIA
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PO1234 - FUNCTIONAL FITNESS AND BIOCHEMICAL PARAMETERS IN ELDERLY CAREGIVERS OF PATIENTS WITH ALZHEIMER DISEASE
LUCAS SCARONE SILVA¹; DANILLA ICASSATTI CORAZZA²; CARLA ANDREZA ALMEIDA ANDREATTO²; RENATA VALLE PEDROS²; RUTH FERREIRA SANTOS-GALDURO²

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PO1235 - GROOMING BEHAVIOR AS A NONINVASIVE MARKER OF ACUTE STRESS IN RATS
IURY FLORINDO; LUCIANO DAVID; CELIO ROBERTO ESTANISLAU
UNIVERSIDADE ESTADUAL DE LONDRINA, LONDRINA, PR, BRASIL.

PO1236 - EVALUATION OF LOW LEVEL LASER THERAPY ACTION IN CUPRIZONE-INDUCED DEMYELINATION
KATHERINE CHUERE NUNES DUARTE; THAIS TORRES SOARES; ANA CLÁUDIA RODRIGUES; ANGELA MARIA PAIVA MAGRI; ANA CLAUDIA MUNIZ RENNÓ; LUCIANA LE SUEUR MALUF; GLÁUCIA MONTEIRO DE CASTRO
UNIVERSIDADE FEDERAL DE SÃO PAULO, SANTOS, SP, BRASIL.

PO1238 - EXTRACELLULAR VESICLES DERIVED FROM MESENCHYMAL STEM CELLS FROM WHARTON'S JELLY AS A THERAPEUTIC POTENTIAL IN VITRO MODEL OF ALZHEIMER'S DISEASE
LUIZA RACHEL PINHEIRO DE CARVALHO; MARIANA ARAYA DE GODOY; LEONARDO SARAIVA; VICTOR BODART SANTOS; RAFAEL FERREIRA MONTEIRO SOARES; ANTÔNIO GALINA; SÉRGIO TEIXEIRA FERREIRA; ROSALIA MENDEZ OTERO
UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1239 - THE IN VITRO EXPOSURE TO TANNERY EFFLUENT ALTERS OXIDATIVE PARAMETERS IN MICE AND RATS
FELIPE MOYSÉS¹; KARINE BERTOLDI²; VIVIANE ELSNER³; LAURA RECH CECHINEL²; CARLA BASSO²; MARCO ANTÔNIO SIQUEIRA RODRIGUES⁴; IONARA RODRIGUES SIQUEIRA²
1.URI, ERECHIM, RS, BRASIL; 2.UFRGS, PORTO ALEGRE, RS, BRASIL; 3.IPA, PORTO ALEGRE, RS, BRASIL; 4.FEEVALE, NOVO HAMBURGO, RS, BRASIL.

PO1240 - TTC39B GENE AND ITS EFFECT IN BRAIN HYPOMETABOLISM OVER 24 MONTHS.
ANDRÉA LESSA BENEDET¹; AURELIE LABBE²; THARICK ALI PASCOAL¹; SULANTHA MATHOTAAARACHCHI¹; SARA MOHADES¹; MONICA SHIN¹; THOMAS BEAUDRY¹; SERGE GAUTHIER³; PEDRO ROSA-NETO¹
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PO1241 - INFLAMMATORY RESPONSE AND NEURONAL DEGENERATION IN A MOUSE MODEL OF 6-HYDROXYDOPAMINE NIGROSTRIATAL LESION
MARCO AURELIO FREIRE¹; PEDRO FRANCA CAVALCANTI¹; JOSE RONALDO SANTOS²; MAXWELL BARBOSA SANTANA³
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PO1242 - LEPIDIUM MEYENII (MACA) INDUCES ANTI-INFLAMMATORY EFFECT IN ELDERLY RATS HIPPOCAMPUS
BOLIVAR SALDANHA SOUSA¹; IVONE FARIAS CUNHA²; BRUNO HENRIQUE SILVA ARAÚJO³; LAILA BRITO TORRES²; RICARDO MARIO ARIDA³; KARIN JANNET VERA LOPEZ⁴; ALEJANDRO PINO FIGUEROA⁵; TIMOTHY J MAHER⁵; SERGIO GOMES DA SILVA²; FRANCISCO ROMERO CABRAL²
1.FACULDADE DE CIÊNCIAS MÉDICAS DA SANTA CASA DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 2.HOSPITAL ISRAELITA ALBERT EINSTEIN, SÃO PAULO, SP, BRASIL; 3.UNIVERSIDADE FEDERAL DE SÃO PAULO, SÃO PAULO, SP, BRASIL; 4.UNIVERSIDAD CATOLICA DE SANTA MARIA, AREQUIPA, PERU; 5.MASSACHUSETTS COLLEGE OF PHARMACY AND HEALTH SCIENCE UNIVERSITY, BOSTON, ESTADOS UNIDOS.

PO1243 - TYROSINE HYDROXYLASE IMMUNOREACTIVITY IN STRIATUM AFTER INJECTION OF DIFFERENT AMOUNTS OF ADENO-ASSOCIATED VIRAL VECTORS (AAV2 AND AAV5) FOR ALPHA-SYNUCLEIN OVEREXPRESSION IN RATS
KELLYN BURGOA COSTA; JESSICA NUNES; MARCO AURELIO DE MOURA FREIRE; MARIANA FERREIRA PEREIRA ARAUJO
ELS-IIN SANTOS DUMONT INSTITUTE, MACAIBA, RN, BRASIL.

PO1244 - THE ANTICONVULSANT EFFECT OF THE POLYSACCHARIDE EXTRACT OBTAINED FROM GENIPA AMERICANA LEAVES

BEATRIZ LIMA LIMA ADJAFRE¹; DAYANNE TERRA NONATO²; FRANCISCO VICTOR FRANÇA³; SILVÂNIA MARIA MENDES VASCONCELOS¹; ANA MARIA SAMPAIO ASSREUY²; MARIA GONÇALVES PEREIRA³; EDNA MARIA CAMELO CHAVES²
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PO1245 - REMODELING OF LANGUAGE SITES IN THE VICINITY OF BRAIN TUMORS ACROSS TIME

DIETER M WEINERT¹; EDUARD KRAUS²; RALF STEINMEIER³

1.HELIOS VOGTLAND-CLINIC, PLAUE, ALEMANHA; 2.PARACELUSUS CLINIC, SCHÖNECK, ALEMANHA; 3.GENERAL HOSPITAL, CHEMNITZ, ALEMANHA.

PO1246 - CHRONICLE UNPREDICTABLE STRESS AGGRAVATES CLINICAL SYMPTOMS AND INCREASES NEUROINFLAMMATION IN THE EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

NILTON BARRETO DOS SANTOS; LEONARDO SANTANA NOVAES; JENNIFER ROCHA RODRIGUES; JULIANO GENARO PERFETTI; JEAN PIERRE SCHATZMANN PERON; CAROLINA DEMARCHI MUNHOZ
USP, SAO PAULO, SP, BRASIL.

PO1247 - OPTOGENETIC CONTROL OF SEIZURES VIA THE NIGROTECTAL PATHWAY

PATRICK ALEXANDER FORCELLI; EVAN WICKER; CATHERINE KULICK; COLIN SOPER; PROSPER N'GOUÉMO
GEORGETOWN UNIVERSITY, WASHINGTON, DC, ESTADOS UNIDOS.

PO1248 - TITLE: MULTIPLE NON-GENETIC RISK FACTORS IN ALS. THAT'S WHY THE CHALLENGE

EDUARDO BRENO BARBOSA CARVALHO¹; JESSICA BARBOSA CARVALHO²; EVELINE BARBOSA SILVA CARVALHO³; LUIZ WILSON ARAÚJO²; ROSANE ALICE BARBOSA BONFIM DE MORAIS²

1.UNESA, RIO DE JANEIRO, RJ, BRASIL; 2.UNICHRISTUS, FORTALEZA, CE, BRASIL; 3.UFC, FORTALEZA, CE, BRASIL.

PO1249 - LOW FREQUENCY TEMPORALLY UNSTRUCTURED ELECTRICAL STIMULATION TO THE BASOLATERAL AMYGDALA AS A MEANS TO TREAT EPILEPSY: EFFICIENCY, PARAMETERS AND MECHANISMS

VINÍCIUS ROSA COTA¹; JASIARA CARLA DE OLIVEIRA¹; RENATO MARCIANO MACIEL¹; BRUNA MARCELA BACELLAR DRABOWSKI¹; ORLANDO CANTELMO JÚNIOR¹; DANIEL DE CASTRO MEDEIROS²; MÁRCIO FLÁVIO DUTRA MORAES²

1.UFSJ, SÃO JOÃO DEL-REI, MG, BRASIL; 2.UFMG, BELO HORIZONTE, MG, BRASIL.

PO1250 - CAJAL BODIES DYNAMICS UNDER OXIDATIVE STRESS IN HIPPOCAMPAL NEURONS OF RATS

JORGE MENDEZ MENDEZ; LUIS FERNANDO HERNANDEZ ZIMBRON; SELVA RIVAS ARANCIBIA
UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO, MÉXICO.

PO1251 - STUDYING PSYCHOPATHOLOGIES AND EVOLUTION OF MIND THROUGH LITERATURE GRAPHS

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1.UFRN, NATAL, RN, BRASIL; 2.UFPE, RECIFE, PE, BRASIL.

PO1252 - SLEEP ARCHITECTURE CHARACTERIZATION IN THE CUPRIZONE MURINE MODEL FOR DEMYELINATION

DIANA CAROLINA CARDENAS¹; ALEJANDRO OSORIO-FORERO²; FERNANDO CARDENAS P²; MANUEL J ROJAS¹
1.UNIVERSIDAD NACIONAL DE COLOMBIA, BOGOTÁ, COLÔMBIA; 2.UNIVERSIDAD DE LOS ANDES, BOGOTÁ D. C., COLÔMBIA.

PO1254 - THE COURSE OF UNTREATED SEIZURES FREQUENCY IN MALE AND FEMALE RATS SUBMITTED TO PILOCARPINE-INDUCED EPILEPSY
DIEGO VANNUCCI CAMPOS; GLAUBER MENEZES LOPIM; ALEXANDRE APARECIDO DE ALMEIDA; JANSEN FERNANDES; DÉBORA AMADO SCERNI; RICARDO MARIO ARIDA
UNIFESP, SÃO PAULO, SP, BRASIL.

PO1255 - NEUROPROTECTIVE EFFECT OF A NEW PEPTIDE ISOLATED FROM T SOCIAL WASP VENOM AGAINST NEURODEGENERATION INDUCED IN THE MURINE MODEL OF PARKINSON'S DISEASE
MÁRCIA RENATA MORTARI; JULIANA CASTRO SILVA; FLAVIA MARIA MEDEIROS GOMES; HENRIQUE AMARAL; KAMILA SOARES LOPES; ANDREIA BIOLCHI MAYER
UNIVERSITY OF BRASÍLIA, BRASÍLIA, DF, BRASIL.

PO1256 - BRAIN STRUCTURE IN AMCI: COMPARISON WITH HEALTHY CONTROLS AND THE ROLE OF AEROBIC FITNESS.
CAMILA VIEIRA LIGO TEIXEIRA; MARINA WEILER; THAMIRES NEAELA CARDOSO MAGALHÃES; THIAGO REZENDE JUNQUEIRA; BRUNNO MACHADO DE CAMPOS; GABRIELA SCRIPTORE; FERNANDO CENDES; MARCIO LUIZ FIGUEREDO BALTHAZAR
UNICAMP, CAMPINAS, SP, BRASIL.

PO1257 - BIOENERGETIC IMPAIRMENT IN ANIMAL AND CELLULAR MODELS OF ALZHEIMER'S DISEASE: PARP-1 INHIBITION RESCUES METABOLIC DYSFUNCTIONS
SARA MARTIRE; ANDREA FUSO; BRUNO MARAS; LUCIANA MOSCA; MARIA D'ERME
SAPIENZA, ROMA, ITALY.

PO1258 - CHRONIC ALUMINUM EXPOSURE AFFECTS THE GLIAL SYSTEM IN RAT BRAIN: POSSIBLE LINK WITH ALZHEIMER'S DISEASE
WAFAA LAABBAR; ABDELJALIL EL GOT; HALIMA GAMRANI
EQUIP NEUROSCIENCES, PHARMACOLOGY AND ENVIRONMENT, CADI AYYAD UNIVERSITY, FACULTY OF SCIENCES SEMLALIA,, MARRAKECH, MARROCOS.

PO1259 - EFFECTS OF IRON ON MITOCHONDRIAL ENERGY AND REDOX METABOLISM OF CENTRAL NERVOUS SYSTEM TUMOR CELL LINES
ANA PAULA MIRANDA MENDONÇA; FRANKLIN DAVID RUMJANEK; MARIANA FIQUEREDO RODRIGUES; NIVEA DIAS AMOEDO; MARCUS FERNANDES DE OLIVEIRA
INSTITUTE OF MEDICAL BIOCHEMISTRY, FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1260 - DYNAMIC CAUSAL MODELING SHOWS NO DECLINE IN DEFAULT MODE NETWORK PARAMETERS IN PATIENTS WITH MILD COGNITIVE IMPAIRMENT
RAPHAEL FERNANDES CASSEB¹; ELVIS LIRA DA SILVA²; GABRIELA CASTELLANO¹; CAMILA VIEIRA LIGO TEIXEIRA¹; MÁRCIO BALTHAZAR¹; MARCONDES CAVALCANTE FRANÇA JUNIOR¹
1.UNICAMP, CAMPINAS, SP, BRASIL; 2.UFMT, CUIABÁ, MT, BRASIL.

PO1261 - EFFECT OF THE ENVIRONMENTAL ENRICHMENT IN THE DEPRESSIVE-LIKE BEHAVIOR AND DEVELOPMENT OF EHRlich's TUMOR IN FEMALE AND MALE MICE
SILVIA REGINA KLEEB; BARBARA NANCY DE SOUSA LIMA WILCKEN; LEANDRO PENTEADO SILVA REBIZZI JESUS; ANDERSON AMARO MELO SANTOS; GUILHERME FERNANDES MENDES; THALMA ARIANI FREITAS
UNIVERSIDADE METODISTA DE SÃO PAULO, SÃO BERNARDO DO CAMPO, SP, BRASIL.

PO1262 - ASSESSMENT OF GROWTH AND TUMOR STROMA IN MICE WITH EHRlich's TUMOR SUBJECTED TO SCHIZOPHRENIA MODEL



JOSE GUILHERME GUILHERME XAVIER¹; LIVIA DAVOGLIO GARCIA¹; ANDERSON AMARO MELO SANTOS¹; RODRIGO TAVARES NIEMAN¹; MARIA MARTHA BERNARDI²; SILVIA REGINA KLEEB¹
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PO1263 - CEREBELLAR GANGLIOGLIOMA ASSOCIATED WITH PARTIAL SEIZURES IN A CHILD
GUILHERME CAMARGO BRITO; LEONARDO PISANI; FERNANDO ZUCUNI FURLAN; EDUARDO BARDINI ALVES FELIPPE; ANDRÉ LUIS FERNANDES PALMINI; ELISEU PAGLIOLI
PUC-RS, PORTO ALEGRE, RS, BRASIL.

PO1264 - THE BRAINSTEM IS AN INDEPENDENT GENERATOR OF FEBRILE SEIZURES
ALEXEY POSPELOV; ALEXEY YURIEVICH YUKIN; MARTIN PUSKARJOV; KAI KAILA
HELSINKI UNIVERSITY, HELSINKI, FINLÂNDIA.

PO1265 - ANXIOLYTIC ACTIVITY OF A NEUROKININ ISOLATED FROM VENOM OF SOCIAL WASP POLYBIA PAULISTA
LILIAN DOS ANJOS CARNEIRO; MARCIA RENATA MORTARI; CECILIA ALVES MOURÃO; FLÁVIA MARIA MEDEIROS; JULIANA CASTRO SILVA; KARLA GRAZIELA MOREIRA; LUCIANNA LOPES COUTO; JACQUELINE COIMBRA GONÇALVES; KAMILA SOARES LOPES
UNIVERSIDADE DE BRASÍLIA, BRASIL, DF, BRASIL.

PO1266 - ASSESSMENT OF MOTOR AND COGNITIVE DEFICITS IN RATS AFTER INDUCTION OF AN EXPERIMENTAL CEREBRAL PALSY MODEL: PRELIMINARY RESULTS
BRUNO POPIK; WELLINGTON DE ALMEIDA; ADRIANA SOUZA DOS SANTOS; BRENDA CAMILA RECK DE OLIVEIRA; CAROLINE COVATTI; MÁRCIA MIRANDA TORREJAIS; MARCELO ALVES DE SOUZA; LÍGIA ALINE CENTENARO
UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ, CASCAVEL, PR, BRASIL.

PO1267 - STRIATAL CHOLINERGIC TRANSMISSION AND THE VESICULAR GLUTAMATE TRANSPORTER VGLUT3
DIANA YAE SAKAE¹; FABIO MARTI²; SALVATORE LECCA³; ELENA MARTIN GARCIA⁴; RAFAEL MALDONADO⁴; STÉPHANIE DAUMAS²; MANUEL MAMELI³; SALAH EL MESTIKAWY¹
1.MCGILL UNIVERSITY, MONTREAL, CANADÁ; 2.UNIVERSITÉ PIERRE ET MARIE CURIE, PARIS, FRANÇA; 3.INSERM, PARIS, FRANÇA; 4.UNIVERSITAT POMPEU FABRA, BARCELONA, ESPANHA.

PO1268 - EPIGENETIC REGULATION OF NOCICEPTIN/ORPHANIN FQ AND CORTICOTROPIN-RELEASING FACTOR SYSTEM GENES IN FRUSTRATION STRESS-INDUCED BINGE-LIKE PALATABLE FOOD CONSUMPTION
CARLO CIFANI¹; MARIA VITTORIA MICIONI DI BONAVENTURA¹; MARIANGELA PUCCI²; MARIA ELENA GIUSEPPONI¹; ADELE ROMANO³; MAURO MACCARRONE⁴; ROBERTO CICCOCIOP
PO1; CLAUDIO D'ADDARIO²
1.SCHOOL OF PHARMACY, PHARMACOLOGY UNIT, UNIVERSITY OF CAMERINO, CAMERINO, ITALY; 2.FACULTY OF BIOSCIENCE AND TECHNOLOGY FOR FOOD, AGRICULTURE AND ENVIRONMENT, UNIVERSITY OF TERAMO, TERAMO, ITALY; 3.DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, SAPIENZA UNIVERSITY OF ROME, ROME, ITALY; 4.CAMPUS BIO-MEDICO, UNIVERSITY OF ROME, ROME, ITALY.

PO1269 - NEUROPROTECTIVE EFFECTS OF INOSINE IN A MOUSE MODEL OF EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS
STELLA CÉLIO JUNQUEIRA; VICENTE LIEBERKNECHT; MAURÍCIO PEÑA CUNHA; IGOR DOS SANTOS COELHO; ANA LÚCIA SEVERO RODRIGUES; ADAIR ROBERTO SOARES DOS SANTOS; RAFAEL CYPRIANO DUTRA
UNIVERSIDADE FEDERAL DE FLORIANÓPOLIS, FLORIANÓPOLIS, SC, BRASIL.

PO1270 - ALTERED MITOCHONDRIAL TRAFFICKING AND DISRUPTION IN CYTOSOLIC CA²⁺ LEVELS IN HIPPOCAMPAL CELL CULTURES BEFORE HYPERPHOSPHORYLATED TAU AGGREGATION.



RODRIGO DOS SANTOS CHAVES; MERARI DE FATIMA RAMIRES FERRARI
UNIVERSITY OF SAO PAULO, SAO PAULO, SP, BRASIL.

PO1271 - ANTINOCICEPTIVE RESPONSE OF LOW MOLECULAR WEIGHT COMPOUNDS OF THE VENOM OF
PSEUDOPOLYBIA VESPICEPS TESTACEA
PRISCILLA GALANTE; JACQUELINE GONÇALVES; GABRIEL CAMPOS; JULIANA SILVA; KAMILA LOPES; FLÁVIA GOMES;
LILIAN ANJOS; MÁRCIA MORTARI
UNIVERSITY OF BRASÍLIA, BRAZIL, DF, BRASIL.

PO1272 - IMPAIRED NEURAL PROCESSING OF VISUAL INFORMATION DURING READING IN SCHIZOPHRENIA
ELISA C DIAS; JENNIFER S ALBERT; STEPHANIE ROHRIG; FILIPE BRAGA; DANIEL C JAVITT
NATHAN KLINE INSTITUTE, ORANGEBURG, ESTADOS UNIDOS.

PO1273 - PHYSICAL TRAINING PREVENTS DEPRESSIVE-LIKE BEHAVIOR AND BDNF DECREASE IN AN ANIMAL MODEL
OF PARKINSON'S DISEASE
TALITA TUON; SAMIRA SILVA VALVASSORI; CARLA SOUZA PAGANINE; GIULIA PEDROSO; CLAUDIO TEODORO SOUZA;
RICARDO AURINO PINHO
UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.

PO1274 - HYPERLOCOMOTION IN MAM FEMALE RATS IS REDUCED BY THE ANTIOXIDANT NAC
ERICKSON ALVES DA SILVA SOUZA; INDA LAGES NASCIMENTO; ÂNGELA RODRIGUES; CRISTIANE SALUM
CENTRO DE MATEMÁTICA, COMPUTAÇÃO E COGNIÇÃO, UNIVERSIDADE FEDERAL DO ABC (UFABC), NÚCLEO DE
COGNIÇÃO E SISTEMAS COMPLEXOS, SÃO BERNARDO DO CAMPO, SP, BRASIL.

PO1275 - ASCORBIC ACID ACTS AS PROOXIDANT OR ANTIOXIDANT IN THE BRAIN OF WELL-NOURISHED AND EARLY-
MALNOURISHED RATS AS A FUNCTION OF THE DOSE: A MALONDIALDEHYDE ANALYSIS
ROSÂNGELA FIGUEIREDO MENDES DA SILVA; ANDRÉIA ALBUQUERQUE CUNHA LOPES DE MORAIS; ANA RAFAELA DE
OLIVEIRA RODRIGUES; BELMIRA LARA DA SILVEIRA ANDRADE-DA-COSTA; RUBEM CARLOS ARAÚJO GUEDES
UFPE, RECIFE, PE, BRASIL.

PO1276 - GLIOBLASTOMA CELLS SECRETED IL8 AND IL6 CONTROL CELL INVASION VIA A MAPK-DEPENDENT
PATHWAY AT BASAL AND CHEMOTHERAPY TREATED CONDITIONS
KARINA KLAFKE; ALFEU ZANOTTO-FILHO; DANIEL PENS GELAIN; JOSÉ CLÁUDIO FONSECA MOREIRA
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

PO1277 - EVALUATION OF ANTIPARKINSONIAN ACTIVITY OF NEUROVERPINA PEPTIDE IN 6-OHDA MURINE MODEL OF
PARKINSON'S DISEASE
GABRIEL AVOHAY ALVES CAMPOS; FLÁVIA MARIA MEDEIROS GOMES; JULIANA CASTRO SILVA; KAMILA LOPES; LÍLIAN
DOS ANJOS; PRISCILLA GALANTE; MÁRCIA RENATA MORTARI
UNIVERSITY OF BRASÍLIA, BRASÍLIA, DF, BRASIL.

PO1278 - D-GALACTOSE ADMINISTRATION BY ORAL ROUTE INDUCES ALTERED LEVELS OF CYTOKINES AND
NEUROTROPHIC FACTORS IN THE BRAIN OF WISTAR RATS
JOSIANE BUDNI; FRANCIELLE MINA; MICHELLE LIMA GARCEZ; SABRINA DA SILVA; TATIANI BELLETTINI-SANTOS; ALINE
PEREIRA DA LUZ; GUSTAVO LUIS SCHIAVO; SAMIRA SILVA VALVASSORI; JOÃO QUEVEDO
UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.

PO1279 - MICROGLIAL ACTIVATION AND APOPTOTIC PROFILES FOLLOWING ACUTE IMPLANT OF TUNGSTEN
MULTIELECTRODES IN THE MOTOR CORTEX AND STRIATUM OF THE MARMOSET



JHULIMAR GUILHERME DOERL; KELLYN BURGOA COSTA; MARIANA FERREIRA PEREIRA DE ARAUJO; MARCO AURELIO MOURA FREIRE

EDMOND AND LILY SAFRA INTERNATIONAL INSTITUTE OF NEUROSCIENCES, SANTOS DUMONT INSTITUTE, MACAÍBA, RN, BRASIL.

PO1280 - THE TIME-VARYING FUNCTIONAL NETWORKS OF CORTICAL AFFECTIVE PERCEPTION IN FIBROMYALGIA
PEDRO TEODORO CARDOSO CANÁRIO¹; RAFAEL SANTOS ROSÁRIO¹; FRANCISCA ROSSELLO²; MIGUEL MUÑOZ³;
PEDRO MONTOYA²; JOSÉ GARCIA VIVAS MIRANDA¹

1.FEDERAL UNIVERSITY OF BAHIA, SALVADOR, BA, BRASIL; 2.UNIVERSITY OF THE BALEARIC ISLANDS, PALMA, ESPANHA; 3.UNIVERSITY OF GRANADA, GRANADA, ESPANHA.

PO1281 - RELATIONSHIPS BETWEEN SUBTYPES OF EARLY-LIFE STRESS AND AFFECTIVE TEMPERAMENTS IN DEPRESSIVE PATIENTS: PRELIMINARY RESULTS

MARIO FRANCISCO JURUENA; NAYANNE BECKMANN BOSAIPÓ; VINÍCIUS FERREIRA BORGES; MARCO AURÉLIO PICHITELLI; ITIANA CASTRO MENEZES; CAMILA MARIA SEVERI MARTINS
UNIVERSIDADE DE SAO PAULO, RIBEIRAO PRETO, SP, BRASIL.

PO1282 - LITHIUM MODULATES THE PRODUCTION OF PERIPHERAL AND CEREBRAL CYTOKINES IN AN ANIMAL MODEL OF MANIA INDUCED BY DEXTROAMPHETAMINE

SAMIRA S. VALVASSORI¹; PAULA T. TONIN²; ROGER B VARELA²; ANDRE F CARVALHO²; EDEMILSON MARIOT³;
DANIELA V BAVARESCO²; GUILHERME BIANCHINI²; BRUNA R. PETERLE²; MONICA L ANDERSEN²; JOÃO QUEVEDO²
1.LABORATÓRIO DE SINALIZAÇÃO NEURAL E PSICOFARMACOLOGIA, PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE, UNIDADE ACADÊMICA DE CIÊNCIAS DA SAÚDE, UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.; CRICIÚMA, SC, BRASIL; 2.LABORATÓRIO DE NEUROCIÊNCIAS, PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE, UNIDADE ACADÊMICA DE CIÊNCIAS DA SAÚDE, UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.; CRICIÚMA, SC, BRASIL; 3.1LABORATÓRIO DE NEUROCIÊNCIAS, PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE, UNIDADE ACADÊMICA DE CIÊNCIAS DA SAÚDE, UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL.; CRICIÚMA, SC, BRASIL.

PO1283 - NICOTINE ANALOGUES EVALUATION IN AN APPROXIMATE CONTEXT OF PARKINSON'S DISEASE

JUAN CAMILO JURADO; JANNETH GONZALEZ; GEORGE E. BARRETO
DEPARTAMENTO DE NUTRICIÓN Y BIOQUÍMICA, FACULTAD DE CIENCIAS, PONTIFICIA UNIVERSIDAD JAVERIANA, BOGOTÁ D. C., COLÔMBIA.

PO1284 - MORPHOMETRIC ANALYSIS OF CORPUS CALLOSUM IN FIRST EPISODE OF PSYCHOSIS: A 5-YEAR LONGITUDINAL STUDY

MARIANA TIEMI MINE DE MOURA; MARCUS V. ZANETTI; MARISTELA S. SCHAUFELBERGER; FABIO L. S. DURAN; PAULO R. MENEZES; MARCIA SCAZUFCA; GERALDO F. BUSATTO; MAURICIO H. SERPA
LABORATORY OF PSYCHIATRIC NEUROIMAGING (LIM-21), DEPARTMENT & INSTITUTE OF PSYCHIATRY, FACULTY OF MEDICINE, UNIVERSITY OF SÃO PAULO, SÃO PAULO, SP, BRASIL.

PO1285 - POST-RETRIEVAL EXPOSURE THERAPY IN TRAUMA PATIENTS: A PILOT STUDY

FELIPE CORCHS; JOANA SINGER VERMES; ADARA SAITO; RICARDO AYRES; NATALIA DEL REAL; FRANCISCO LOTUFO NETO
INSTITUTE AND DEPARTMENT OF PSYCHIATRY, UNIVERSITY OF SÃO PAULO SCHOOL OF MEDICINE, SAO PAULO, SP, BRASIL.

PO1368 - β -ENDORPHIN NEURONS CYTOTOXICITY PRODUCED BY ESTROGENS IS INHIBITED BY LETROZOLE: IMPLICATIONS FOR ALCOHOL ABUSE.

JORGE JUÁREZ-GONZÁLEZ¹; LUCÍA VALENZUELA¹; ULISES GÓMEZ-PINEDO²



1.UNIVERSIDAD DE GUADALAJARA, GUADALAJARA, MÉXICO; 2.CIATEJ, GUADALAJARA, MÉXICO.

PO1369 - INOSINE ENHANCES THE REGENERATION AFTER SCIATIC NERVE CRUSH
MARCOS BRUNO GOMES DE AGUIAR; FELLIPE SOARES DOS SANTOS CARDOSO; BRUNA DOS SANTOS RAMALHO;
RICARDO CARDOSO; ANA MARIA BLANCO MARTÍNEZ; FERNANDA MARTINS DE ALMEIDA MAIA
FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1370 - EVALUATION OF ANTIDEPRESSIVE-LIKE ACTIVITY OF B- CARYOPHYLLENE
DANILLO RAMOS DE OLIVEIRA; DAYANE MOREIRA DA SILVA; PABLINNY MOREIRA GALDINO; IZIARA FERREIRA
FLORENTINO; ELSON ALVES COSTA
FEDERAL UNIVERSITY OF GOIÁS, GOIÂNIA, GO, BRASIL.

PO1371 - HOX PATTERN EXPRESSION AND NON CODING TRANSCRIPTS IN THE HOX LOCUS ARE ASSOCIATED WITH
ADULT MEDULLOBLASTOMA SUBTYPE
FREDERICO GUILHERME FREITAS LOBÃO RODRIGUES GOMES¹; KURUVILLA JOSEPH ABRAHAM¹; DANIEL GUARIZ
PINHEIRO²; ANA CAROLINA COELHO¹; RICARDO BONFIM SILVA¹; CLAUDIA E. VIEIRA WIEZEL¹; AGUINALDO LUIZ
SIMÕES¹; DANIELA PRETTI DA CUNHA TIRAPELLI¹; FERNANDO SILVA RAMALHO¹; MARIA ANGELICA MIGLINO¹;
CARLOS GILBERTO CARLOTTI JÚNIOR¹; APARECIDA MARIA FONTES¹
1.UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 2.UNESP, JABOTICABAL, SP, BRASIL.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - SENSORY AND MOTOR SYSTEMS

PO1286 - EUPHORBIA RESINIFERA EXTRACT INDUCED PAIN DECREASE ON MICE .
OUASSIL EL EL KHERCHI¹; ABDELMAJID ZYAD²; ABDERRAHMAN CHAIT³
1.A) LABORATORY OF PHARMACOLOGY, NEUROBIOLOGY AND BEHAVIOR DEPARTMENT OF BIOLOGY UNIVERSITY CADI
AAYAD FACULTY OF SCIENCES SEMLLALIA. B) LABORATORY OF BIOLOGICAL ENGINEERING, NATURAL SUBSTANCES,
CELLULAR AND MOLECULAR IMMUNO-PHARMACOLOGY, IMMUNOBIOLOGY OF CANCER CELLS CLUSTER, FST BENI
MELLAL, MARRAKECH, MARROCOS; 2.LABORATORY OF BIOLOGICAL ENGINEERING, NATURAL SUBSTANCES, CELLULAR
AND MOLECULAR IMMUNO-PHARMACOLOGY, IMMUNOBIOLOGY OF CANCER CELLS CLUSTER, FACULTY OF SCIENCE
AND TECHNOLOGY, BENI MELLAL, BENI MELLAL, MARROCOS; 3.LABORATORY OF PHARMACOLOGY, NEUROBIOLOGY
AND BEHAVIOR DEPARTMENT OF BIOLOGY UNIVERSITY CADI AAYAD FACULTY OF SCIENCES SEMLLALIA, MARRAKECH,
MARROCOS.

PO1287 - LEARNING TWO CONFLICTING MOTOR TASKS IS ASSOCIATED WITH ANTEROGRADE INTERFERENCE BUT
ALSO WITH FACILITATION IN A TIME-DEPENDENT MANNER.
PEDRO ALEJANDRO CAFFARO; JORGE IGNACIO VILLALTA; VALERIA DELLA-MAGGIORE
INSTITUTE OF PHYSIOLOGY AND BIOPHYSICS - BERNARDO HOUSSAY, SCHOOL OF MEDICINE, UNIVERSITY OF BUENOS
AIRES, BUENOS AIRES, ARGENTINA.

PO1288 - MULTIFOCAL VISUAL EVOKED POTENTIAL (MFVEP) CHROMATIC AND ACHROMATIC MECHANISMS
CAROLINA DOS SANTOS ARAÚJO¹; CAROLINE GAKI KILEMI²; MONIQUE ASHLEE SMYTH³; STEPHANIE LYNN
JOHNSON⁴; MELLINA MONTEIRO JACOB¹; ELIZA MARIA DA COSTA BRITO LACERDA⁵; MALINDA ELLEN CRANE
FITZGERALD⁴; LUIZ CARLOS DE LIMA SILVEIRA⁵; BRUNO DUARTE GOMES¹; GIVAGO DA SILVA SOUZA⁵
1.INSTITUTO DE CIÊNCIAS BIOLÓGICAS/UFPA, BELEM, PA, BRASIL; 2.COPPIN STATE UNIVERSITY, BALTIMORE,
BALTIMORE, ESTADOS UNIDOS; 3.RHODES COLLEGE, MEMPHIS, ESTADOS UNIDOS; 4.CHRISTIAN BROTHERS
UNIVERSITY, MEMPHIS, ESTADOS UNIDOS; 5.NÚCLEO DE MEDICINA TROPICAL/UFPA, BELEM, PA, BRASIL.

PO1289 - PREDICTING THE FUTURE: SPATIAL FACILITATION FOR MOVING OBJECTS

ANA CRISTINA PIRES¹; SOLEDAD DE MENAS²; ALEJANDRO MAICHE³

1.CIBPSI & UAB, MONTEVIDEO, URUGUAI; 2.UNIVERSIDAD COMPLUTENSE DE MADRID, MADRID, ESPANHA; 3.CIBPSI, MONTEVIDEO, URUGUAI.

PO1290 - NEURON-SPECIFIC ENOLASE AND INTERLEUKINE-6 IN TRAUMATIC SPINAL CORD INJURY: A PROSPECTIVE COHORT STUDY

MARCELO SALIMEN RODOLPHI; RANDHALL KREISMANN CARTER¹; MARCELO DE MELLO RIEDER; JAEN P. OSES;

MARINO MUXFELD BIANCHIN; LUIS CRUZ PORTELA

UFRGS, PORTO ALEGRE, RS, BRASIL.

PO1291 - N-ACETYLCYSTEINE TREATMENT IMPROVES LOCOMOTOR FUNCTION BUT DOES NOT REDUCES THE INCREASED SUPEROXIDE ANION LEVELS IN SPINAL CORD OF THE RATS WITH NEUROPATHIC PAIN

WANIA APARECIDA PARTATA; ANDREA HORST; JÉSSICA ARAÚJO DE SOUZA; MARIA DO CARMO QUEVEDO SANTOS;

ANA PAULA KOZEN RIFFEL; TAINA SCHEID; CAROLINA KOLBERG

UFRGS, PORTO ALEGRE, RS, BRASIL.

PO1292 - FREQUENCY FOLLOWING RESPONSE IN MUSICIANS WITH ABSOLUTE PITCH ABILITY

RAPHAEL BENDER CHAGAS LEITE; CLAUDIO MARCOS TEIXEIRA QUEIROZ

UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL.

PO1293 - PACLITAXEL CAUSES ELECTROPHYSIOLOGICAL CHANGES IN THE ANTERIOR CINGULATE CORTEX VIA MODULATION OF THE GABAERGIC SYSTEM

WILLIAS MASOCHA; HOUDA I NASHAWI; SAMUEL B KOMBIAN

KUWAIT UNIVERSITY, SAFAT, KUWAIT.

PO1294 - DEVELOPMENT OF A NEW STIMULUS TO ESTIMATE LUMINANCE CONTRAST THRESHOLDS BASED IN THE PRESENCE OF COLOR AND SPATIAL NOISE

ELIZA MARIA DA COSTA BRITO LACERDA; DIEGO LEITE GUIMARÃES; GIVAGO SILVA SOUZA; LUIZ CARLOS DE LIMA SILVEIRA

UNIVERSIDADE FEDERAL DO PARA, BELEM, PA, BRASIL.

PO1295 - TRANSCRANIAL MAGNETIC STIMULATION (TMS) AS A NONINVASIVE METHOD FOR SCIATIC NERVE REGENERATION

RAQUEL MARIA MARIA CAMPOS; ANA CRISTINA MACHADO LEÃO; CECILIA HEDIN-PEREIRA; CLAUDIA DOMINGUES VARGAS

UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1296 - ETHYL GALLATE PRODUCES PROPHYLACTIC AND THERAPEUTIC ANTINOCICEPTIVE EFFECTS IN EXPERIMENTAL MODELS OF ACUTE AND NEUROPATHIC PAIN IN MICE: ROLE OF TRPV1, TRPA1, AND INTERLEUKIN-1B PATHWAY

IGOR DOS SANTOS COELHO; ADAIR ROBERTO SOARES DOS SANTOS

FEDERAL UNIVERSITY OF SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

PO1297 - EFFECT OF THE PHA1B TOXIN ON SPINAL CORD GLIA IN CFA-INDUCED INFLAMMATORY PAIN

HELIA TENZA FERRER¹; JULIANA FIGUEIRA DA SILVA²; LUIZ ALEXANDRE VIANA MAGNO¹; MARCUS VINICIUS GOMEZ³

1.FACULDADE DE MEDICINA, UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE, MG, BRASIL; 2.INSTITUTO DE ENSINO E PESQUISA DA SANTA CASA DE BELO HORIZONTE, BELO HORIZONTE, MG, BRASIL; 3.FACULDADE DE

MEDICINA, UNIVERSIDADE FEDERAL DE MINAS GERAIS E INSTITUTO DE ENSINO E PESQUISA DA SANTA CASA DE BELO HORIZONTE, BELO HORIZONTE, MG, BRASIL.

PO1298 - MICROWAVE EXTRACT OF PUNICA GRANATUM L. (POMEGRANATE) REDUCES PROLIFERATION OF NEONATAL RAT RETINAL CELLS IN VITRO

WILLIAN ANDERSON SPUDEIT¹; PATRIK FERREIRA GANDARA CABRAL²; PATRICIA FONSECA²; GERSICA ARONI MELCHIADES²; SABRINA CALIL ELIAS³; THELMA MACHADO¹; ELIZABETH GISTAL DE ARAUJO⁴; CARLA VALERIA V. GUILARDUCCI-FERRAZ⁵

1.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS APLICADAS A PRODUTOS PARA SAÚDE – PPG-CAPS – FACULDADE DE FARMÁCIA – UNIVERSIDADE FEDERAL FLUMINENSE (UFF), NITERÓI, RJ, BRASIL; 2.CURSO DE GRADUAÇÃO EM FARMÁCIA – FACULDADE DE FARMÁCIA (UFF), NITERÓI, RJ, BRASIL; 3.PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS APLICADAS A PRODUTOS PARA SAÚDE – PPG-CAPS – FACULDADE DE FARMÁCIA – UNIVERSIDADE FEDERAL FLUMINENSE (UFF); PROGRAMA DE PÓS-GRADUAÇÃO EM ADMINISTRAÇÃO E GESTÃO DA ASSISTÊNCIA FARMACÊUTICA – GAFAR – FACULDADE DE FARMÁCIA (UFF), NITERÓI, RJ, BRASIL; 4.PROGRAMA DE PÓS-GRADUAÇÃO EM NEUROCIÊNCIAS, DEPARTAMENTO DE NEUROBIOLOGIA, INSTITUTO DE BIOLOGIA (UFF), NITERÓI, RJ, BRASIL; 5.PROGRAMA DE PÓS-GRADUAÇÃO EM ADMINISTRAÇÃO E GESTÃO DA ASSISTÊNCIA FARMACÊUTICA – GAFAR – FACULDADE DE FARMÁCIA (UFF), NITERÓI, RJ, BRASIL.

PO1372 - GLIAL REACTIVITY IN SPINAL CORD AFTER TENDON INJURY IN RATS

SUELLEN ALESSANDRA SOARES DE MORAES¹; KAREN RENATA MATOS OLIVEIRA¹; EVANDER DE JESUS OLIVEIRA BATISTA¹; ULYSSES GARCIA CASADO LINS²; ANDERSON MANOEL HERCULANO¹

1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (UFRJ), RIO DE JANEIRO, RJ, BRASIL.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - HOMEOSTATIC AND NEUROENDOCRINE SYSTEMS

PO1299 - ALTERATIONS OF THE GLIAL ACTIVATION MARKERS AND INFLAMMATORY MEDIATORS IN TWO ANIMAL MODELS OF DEPRESSION

WERONIKA DOMINIKA DUDA¹; MARTA KUBERA¹; KATARZYNA CURZYTEK¹; EIMEAR FAGAN²; THOMAS J CONNOR²

1.INSTITUTE OF PHARMACOLOGY, POLISH ACADEMY OF SCIENCES, KRAKOW, POLÓNDIA; 2.SCHOOL OF MEDICINE & TRINITY COLLEGE INSTITUTE OF NEUROSCIENCE, TRINITY COLLEGE, DUBLIN, IRLANDA.

PO1300 - DEHYDRATION INDUCED NEUROGLIAL PLASTICITY IN SUPRAOPTIC AND PARAVENTRICULAR NUCLEI OF HYPOTHALAMUS AND IMPROVED THE CONTROL OF VASOPRESSIN ON MERIONES SHAWI KIDNEY AQUAPORINES-2. ABDELJALIL ELGOT¹; OMAR ELHIBA²; HALIMA GAMRANI²

1.1- LABORATORY OF NEUROSCIENCES, PHARMACOLOGY AND ENVIRONMENT, CADI AYYAD UNIVERSITY, FACULTY OF SCIENCES SEMLALIA, MARRAKESH, MOROCCO 2- LABORATOIRE DES SCIENCES ET TECHNOLOGIES DE LA SANTÉ, UNITÉ DES SCIENCES BIOMÉDICALES, INSTITUT SUPÉRIEUR DES SCIENCES DE LA SANTÉ, UNIVERSITÉ HASSAN 1ER SETTAT, MARRAKECH-SETTAT, MARROCOS; 2.1- LABORATORY OF NEUROSCIENCES, PHARMACOLOGY AND ENVIRONMENT, CADI AYYAD UNIVERSITY (UCAM), FACULTY OF SCIENCES SEMLALIA, B.P. 2390, MARRAKESH, MOROCCO, MARRAKECH, MARROCOS.

PO1301 - AGOMELATINE DOES NOT IMPROVE SPEED OF RE-ENTRAINMENT OF RAT SLEEP-WAKE STATES AND ABSENCE SEIZURES AFTER A PHASE DELAY

MAGDALENA KINGA SMYK¹; GILLES VAN LUIJTELAAR²; HEIDI HUYSMANS³; WILHELMUS DRINKENBURG³

1.DEP. OF NEUROPHYSIOLOGY AND CHRONOBIOLOGY, JAGIELLONIAN UNIVERSITY IN KRAKOW, KRAKOW, POLÓNDIA; 2.DONDERS CENTRE FOR COGNITION, DONDERS INSTITUTE FOR BRAIN, COGNITION AND BEHAVIOUR, RADBOUD



UNIVERSITY NIJMEGEN, NIJMEGEN, HOLANDA; 3.DEP. OF NEUROSCIENCE, JANSSEN RESEARCH & DEVELOPMENT, A DIVISION OF JANSSEN PHARMACEUTICA NV,, BEERSE, BÉLGICA.

PO1302 - THE IMPACT OF GLUCOCORTICOID HYPORESPONSE TO STRESS ON EMOTIONAL PROCESSES AND MEMORY FUNCTION

GABRIELA FERREIRA DE MEDEIROS; JEAN-CHRISTOPHE HELBLING; PAULINE LAFENÊTRE; FRÉDÉRIC TANTOT; GUILLAUME FERREIRA; MARIE-PIERRE MOISAN
UNIV. BORDEAUX/ INRA (UMR 1286), NUTRITION ET NEUROBIOLOGIE INTÉGRÉE, BORDEAUX, FRANÇA.

PO1303 - NEURAL INTERFACES OF STRESS AND FEEDING: ELECTROPHYSIOLOGICAL STUDIES OF RELAXIN-3/RXFP3 SIGNALLING IN THE HYPOTHALAMIC PARAVENTRICULAR NUCLEUS (PVN) OF THE RAT

ALAN KANIA1; MARIAN H LEWANDOWSKI1; GRZEGORZ HESS1; M AKHTER HOSSAIN2; ANDREW L GUNDLACH2; ANNA BLASIAK1

1.DEPARTMENT OF NEUROPHYSIOLOGY AND CHRONOBIOLOGY, JAGIELLONIAN UNIVERSITY, KRAKOW, POLÔNIA; 2.THE FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH, THE UNIVERSITY OF MELBOURNE, MELBOURNE, AUSTRÁLIA.

PO1304 - INHIBITORY ACTIONS OF SEROTONIN AND FLUOXETINE ON TUBEROINFUNDIBULAR DOPAMINE (TIDA) NEURONS: NOVEL MECHANISMS FOR THE SEXUAL SIDE EFFECTS OF SSRIS

CHRISTIAN BROBERGER; DAVID J LYONS
KAROLINSKA INSITUTTET, STOCKHOLM, SUÉCIA.

PO1305 - THE HAMSTER CIRCADIAN CLOCK SPEED INCREASES DURING AGING: A LARGE-SCALE STUDY.

ROBERT GANNON
VALDOSTA STATE UNIVERSITY, VALDOSTA, ESTADOS UNIDOS.

PO1306 - COMPARING DIFFERENT PROBABILITY DISTRIBUTION FUNCTIONS IN INTERVAL TIMING TASKS

TOMAS GALLO AQUINO; RAPHAEL YOKOINGAWA DE CAMARGO; MARCELO BUSSOTTI REYES
UFABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

PO1307 - POST-TREATMENT WITH PROLACTIN PROTECTS HIPPOCAMPAL CA1-NEURONS OF THE FEMALE RAT AGAINST KAINIC ACID-INDUCED NEURODEGENERATION

JULIO DANIEL REYES; TERESA MORALES
INSTITUTO DE NEUROBIOLOGIA-UNAM, QUERETARO, MÉXICO.

PO1308 - SEDATIVE-HYPNOTIC LIKE EFFECT OF THE THE ESSENTIAL OIL FROM THE LEAVES OF MYRTUS COMMUNIS ON MICE

MULUKEN WALLE BIRHANIE1; BIZUAYEHU WALLE1; LEGESSE ZERIHUN2; EYASU MAKONNEN3
1.DEPARTMENT OF PHYSIOLOGY, COLLEGE OF MEDICINE AND HEALTH SCIENCES, BDU, BAHIRDAR, ETIOPIA; 2.DEPARTMENT OF PHYSIOLOGY, SCHOOL OF MEDICINE, AAU, ADDIS ABABA, ETIOPIA; 3.DEPARTMENT OF PHARMACOLOGY, SCHOOL OF MEDICINE, AAU, ADDIS ABABA, ETIOPIA.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - COGNITION AND BEHAVIOR

PO1309 - JOINT CHARACTERIZATION OF PLACE AND TIME CELLS IN RAT HIPPOCAMPUS



RODRIGO PAVÃO¹; HINDIAEL AERAF BELCHIOR¹; ALAN MICHEL BEZERRA FURTUNATO¹; HOWARD EICHENBAUM²; ADRIANO BRETANHA LOPES TORT¹

1.BRAIN INSTITUTE - UFRN, NATAL, RN, BRASIL; 2.BOSTON UNIVERSITY, BOSTON, ESTADOS UNIDOS.

P01310 - THE NEURAL REPRESENTATION OF SOCIAL VALUES WITHIN THE HUMAN PREFRONTAL CORTEX
JOÃO MARIA PEREIRA ASCENSO; BRUNO RAPHAEL MELO; SEBASTIAN HOEFLE; RODRIGO BASILIO; JORGE MOLL
IDOR, RIO DE JANEIRO, RJ, BRASIL.

P01311 - THE INFLUENCE OF EMOTIONAL TARGETS ON EXOGENOUS ATTENTION TOWARDS EMOTIONAL STIMULI
DOMINIQUE KESSEL¹; MARÍA J. GARCÍA-RUBIO¹; MARÍA HERNÁNDEZ-LORCA¹; MANUEL TAPIA¹; SANDRA HOYOS²; ALMUDENA CAPILLA¹; ALEJANDRA CARBONI³; LUIS CARRETIÉ¹
1.UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, ESPANHA; 2.UNIVERSIDAD CATÓLICA, MONTEVIDEO, URUGUAI; 3.UNIVERSIDAD DE LA REPÚBLICA, MONTEVIDEO, URUGUAI.

P01312 - ADJUSTMENT WITH DIABETES AMONG DIABETIC PATIENTS: THE ROLE OF SOCIAL SUPPORT AND SELF-EFFICACY
SAEID YAZDI-RAVANDI; ALI GHAEIHA
RESEARCH CENTER FOR BEHAVIORAL DISORDERS AND SUBSTANCE ABUSE, HAMADAN UNIVERSITY OF MEDICAL SCIENCES, HAMADAN, IRAN.

P01313 - A CONTINUOUS TIME MARKOV CHAIN STUDY OF RAT BEHAVIOR IN THE ELEVATED PLUS-MAZE
RAFAEL ARANTES¹; GERALDINE G. BOSCO¹; JULIAN TEJADA²; SILVIO MORATO¹; ANTONIO C. ROQUE¹
1.FFCLRP - UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 2.CECH - UNIVERSIDADE FEDERAL DE SERGIPE, SÃO CRISTÓVÃO, SE, BRASIL.

P01314 - THE ROLE OF THE NUCLEUS REUNIENS IN THE RECONSOLIDATION OF A CONTEXTUAL AVERSIVE MEMORY
ADRIANO EMANUEL MACHADO
UFRGS, PORTO ALEGRE, RS, BRASIL.

P01315 - BASIC NEUROSCIENCE OF LEARNING, AN ONLINE COURSE PROPOSAL WITH AN ENACTIVE APPROACH
ANA TERESA TERESA CONTIER¹; ANTONIO PEREIRA²
1.UNIVERSITY OF SAO PAULO, SAO PAULO, SP, BRASIL; 2.INSTITUTO DO CÉREBRO, NATAL, RN, BRASIL.

P01316 - UCIDES CORDATUS AS A GUINEA PIG FOR STUDIES OF THE BIOLOGICAL EFFECTS OF PSYCHOACTIVE SUBSTANCES
VICTOR SILVA FONSÊCA; JUAN ALBERTO LEYVA CRUZ
UNIVERSIDADE ESTADUAL DE FEIRA DE SANTANA, FEIRA DE SANTANA, BA, BRASIL.

P01317 - ONE FOR ALL AND ALL FOR ONE: WORKING FOR ANONYMOUS IN-GROUP SOCCER FANS OR FOR SELFISH MONETARY GAINS ENGAGE OVERLAPPING VALUATION-RELATED MEDIAL ORBITOFRONTAL CORTICAL FMRI RESPONSES
TIAGO SOARES SOARES BORTOLINI¹; PATRICIA BADO¹; SEBASTIAN HOEFLE¹; ANNEROSE ENGEL¹; JEAN-CLAUDE DREHER²; JORGE MOLL¹
1.COGNITIVE AND BEHAVIORAL NEUROSCIENCE UNIT, D'OR INSTITUTE FOR RESEARCH AND EDUCATION, RIO DE JANEIRO, RJ, BRASIL; 2.NEUROECONOMICS LABORATORY: REWARD AND DECISION MAKING, COGNITIVE NEUROSCIENCE CENTER, UNITÉ E MIXTE DE RECHERCHE, BRON, FRANÇA.

P01318 - CHARACTERISING BOUNDARY VECTOR CELL FIRING
SHAILENDRA RATHORE; NEIL BURGESS; FRANCESCA CACUCCI
UCL, LONDON, REINO UNIDO.

P01319 - THE EFFECTS OF EARLY-LIFE STRESS ON MATERNAL CARE AND MOTHER-PUP BOND
 NATIVIDADE DE SÁ COUTO-PEREIRA; CHARLES FRANCISCO FERREIRA; JULIANA ROMBALDI BERNARDI; DIEGO CARRILHO SILVA; DANUSA MAR ARCEGO; CARINE LAMPERT; ANA PAULA TONIAZZO; EDUARDO VON POSER TOIGO; LUISA AMALIA DIEHL; RACHEL KROLOW; PATRICIA PELUFO SILVEIRA; CARLA DALMAZ; ALINE DOS SANTOS VIEIRA
 UFRGS, PORTO ALEGRE, RS, BRASIL.

P01320 - NEUROPSYCHOLOGICAL ASSESSMENT OF THE CONTRIBUTION IN THE UNDERSTANDING OF MUSCULOSKELETAL PAIN IDIOPATHIC (IMP): A CASE STUDY
 RITA APARECIDA RIBEIRO AMORIM¹; JULIANA MOLINA¹; LARISSA B. GAÇA²; FLAVIA HELOÍSA DOS SANTOS³; GUSTAVO ANTONIO MOREIRA⁴; MELISSA M. FRAGA¹; VANESSA BUGNI MIOTTO SILVA¹; SERGIO TUFIK⁵; CLAUDIO ARNALDO LEN⁶

1.UNIVERSIDADE FEDERAL DE SÃO PAULO - UNIFESP - ESCOLA PAULISTA DE MEDICINA - DEPTO. DE REUMATOLOGIA PEDIÁTRICA, SÃO PAULO, SP, BRASIL; 2.UNIVERSIDADE FEDERAL DE SÃO PAULO - UNIFESP - ESCOLA PAULISTA DE MEDICINA - DEPTO. DE PSICOBIOLOGIA, SÃO PAULO, SP, BRASIL; 3.UNIVERSIDADE DO MINHO PORTUGAL, BRAGA, PORTUGAL; 4.ASSOCIAÇÃO FUNDO DE INCENTIVO A PSICOFARMACOLOGIA/AFIP/AFIP, SÃO PAULO, SP, BRASIL; 5.UNIVERSIDADE FEDERAL DE SÃO PAULO, ESCOLA PAULISTA DE MEDICINA, DEPARTAMENTO DE PSICOBIOLOGIA, SÃO PAULO, SP, BRASIL; 6.UNIVERSIDADE FEDERAL DE SÃO PAULO, ESCOLA PAULISTA DE MEDICINA, DEPARTAMENTO DE REUMATOLOGIA PEDIÁTRICA, SÃO PAULO, SP, BRASIL.

P01321 - EXECUTIVE-FUNCTION PROCESSES IN FIRST LANGUAGE ACQUISITION: THE DETERMINERS
 ALEJANDRA CLARA VILLAR
 UNIVERSIDAD DE BUENOS AIRES / CONICET, BUENOS AIRES, ARGENTINA.

P01322 - LONG-TERM MEMORY FOR EMOTIONAL WORDS: BEHAVIORAL AND ELECTROPHYSIOLOGICAL INDICES
 MANUEL TAPIA¹; DOMINIQUE KESSEL¹; JOSÉ ANTONIO HINOJOSA²; ALMUDENA CAPILLA¹; LUIS CARRETIÉ¹
 1.UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, ESPANHA; 2.INSTITUTO PLURIDISCIPLINAR UCM, MADRID, ESPANHA.

P01323 - DOES THE EMOTIONAL BASAL STATE INTERACT WITH THE EXOGENOUS ATTENTION TO EMOTIONAL STIMULI?
 ALEJANDRA CARBONI¹; DOMINIQUE KESSEL²; CAMILA ZUGARRAMURDI¹; ALMUDENA CAPILLA²; LUIS CARRETIÉ²
 1.UNIVERSIDAD DE LA REPÚBLICA, MONTEVIDEO, URUGUAI; 2.UNIVERSIDAD AUTÓNOMA DE MADRID, MADRID, ESPANHA.

P01324 - SUBJECTIVE COGNITIVE DECLINE AND STRUCTURAL CONNECTIVITY: THE ROLE OF LEVEL OF AWARENESS, SPATIAL SHORT-TERM MEMORY AND LONG-TERM MEMORY
 GABRIEL COUTINHO¹; CLAUDIA DRUMMOND²; MARINA MONTEIRO¹; ALINA TELDESCHI¹; NAIMA ASSUNÇÃO¹; ANDREA SILVEIRA DE SOUZA³; RICARDO DE OLIVEIRA-SOUZA³; JORGE MOLL¹; PAULO MATTOS⁴; FERNANDA TOVAR-MOLL²
 1.IDOR, RIO DE JANEIRO, RJ, BRASIL; 2.UFRJ / IDOR, RIO DE JANEIRO, RJ, BRASIL; 3.IDOR / UNIRIO, RIO DE JANEIRO, RJ, BRASIL; 4.IDOR / UFRJ, RIO DE JANEIRO, RJ, BRASIL.

P01325 - PREFRONTAL CORTICAL ADMINISTRATION OF CORTICOSTERONE INTERACTS WITH GLUTAMATERGIC SYSTEM IN IMPAIRING CONTEXTUAL FEAR MEMORY
 FERNANDO MIDEA CUCCOVIA VASCONCELOS REIS; MARCUS LIRA BRANDÃO
 UNIVERSITY OF SAO PAULO; INEC, RIBEIRAO PRETO, SP, BRASIL.

P01326 - THE DEEP LAYERS OF SUPERIOR COLLICULUS REGULATE A NETWORK FOR REFLEXIVE DEFENSE RESPONSES: PRIMATE STUDIES RELEVANT TO PTSD



LUDISE MALKOVA; BRITTANY AGUILAR; JENNA MCCLANE; CATHERINE ELORETTE; MEGAN HUIZENGA; PATRICK ALEXANDER FORCELLI
GEORGETOWN UNIVERSITY, WASHINGTON, ESTADOS UNIDOS.

PO1327 - THE INFLUENCE OF SOCIAL STRESS ON EMOTIONAL RECOGNITION: BEHAVIORAL AND ELECTROPHYSIOLOGICAL DATA

MARIA JOSE GARCIA-RUBIO; DOMINIQUE KESSEL; MANUEL TAPIA; LUIS CARRETIE
UNIVERSIDAD AUTONOMA DE MADRID, MADRID, ESPANHA.

PO1328 - DUAL STREAM LANGUAGE PROCESSING MODEL AND SYNTACTIC COMPLEXITY IN THE VERB PHRASE
MARIJE SOTO1; ANIELA IMPROTA FRANÇA2; JORGE NETO MOLL1; BRUNO RAPHAEL DE MELO1

1.IDOR, RIO DE JANEIRO, RJ, BRASIL; 2.UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1329 - COGNITIVE EFFORT AND MENTAL STRESS ON THE REACTION TIME TASK: A HEART RATE VARIABILITY STUDY

CARLOS TOMAZ; SORAYA LAGE SÁ; ANA GARCIA; CORINA SATLER; MARIA CLOTILDE HENRIQUES TAVARES
UNIVERSITY OF BRASILIA, BRASILIA, DF, BRASIL.

PO1330 - SOCIALLY SITUATED NEUROSCIENCE: CREATING A SUITE OF TOOLS FOR STUDYING SOCIALITY AND INTEROCEPTION

MARCELO AGUILAR-RIVERA; LALEH QUINN; TERYN JOHNSON; YUN-SOUNG KIM; BERNABE PEREZ; TODD COLEMAN; ANDREA CHIBA

UCSD, LA JOLLA, ESTADOS UNIDOS.

PO1331 - EVALUATION OF THE REDOX PROFILE IN THE PRE-FRONTAL CORTEX OF 3 AND 6 MONTHS OLD MALE WISTAR RATS WITH AND WITHOUT REPRODUCTIVE ACTIVITY

JACSON GABRIEL FEITEN; TIAGO BOEIRA SALOMON; ANA PAULA CRESTANI; FABRÍCIO DINIZ DUTRA; DIEGO MENA CANATA; CRISTINA M. JACOBI; THAIS LIVRAMENTO SILVA; LUCAS DE OLIVEIRA ALVARES; MARA DA SILVEIRA BENFATO
UFRGS, PORTO ALEGRE, RS, BRASIL.

PO1332 - EFFECTS OF THE IMPENEM ON PILOCARPINE-INDUCED SEIZURES MODEL IN MICE

CAMILA NAYANE DE CARVALHO LIMA; ADRIANO JOSÉ MAIA CHAVES FILHO; ANA ISABELLE GÓIS QUEIROZ; ADRIANA MARY NUNES COSTA; FRANCISCO ELICLECIO RODRIGUES DA SILVA; TATIANE DA SILVA ARAUJO; FRANCISCA TACIANA SOUSA RODRIGUES; MICHELE ALBUQUERQUE JALES DE CARVALHO; DANIELLE MACÊDO GASPAREL; MARTA MARIA DE FRANÇA FONTELES

FEDERAL UNIVERSITY OF CEARA, FORTALEZA, CE, BRASIL.

PO1333 - ALZHEIMER'S DISEASE: INFLUENCE OF HORMONES FEMALE SEXUAL AND APOLIPOPROTEIN AND BIOMARKERS MODULATION

RAFAELLA PAPALINO LOPES; DIEGO FRANÇA PEDROSA; JESSICA R. ALMEIDA; PRISCILA L. PODRATZ; MAYARA P. SANTOS; JONES B. GRACELI; ELISARDO CORRAL VASQUEZ; SILVANA S. MEYRELLES; LETICIA P.A RANGEL; IAN VICTOR SILVA

UFES, VITÓRIA, ES, BRASIL.

PO1334 - BEHAVIORAL PREFERENCES AND NEURAL CORRELATES OF COFFEE OLFACTORY EXPERIENCE

SILVIA SIAG OIGMAN1; SEBASTIAN HOEFLE1; FERNANDA GUIMARÃES MEIRELES FERREIRA1; IVANEI EDSON BRAMATI1; MARCELO COSSENZA2; ROSIRES DELIZA3; JORGE MOLL1

1.D'OR INSTITUTE FOR RESEARCH AND EDUCATION, RIO DE JANEIRO, RJ, BRASIL; 2.UNIVERSIDADE FEDERAL FLUMINENSE, RIO DE JANEIRO, RJ, BRASIL; 3.EMBRAPA AGROINDÚSTRIA DE ALIMENTOS, RIO DE JANEIRO, RJ, BRASIL.

P01335 - SELECTIVE NEURONAL DEGENERATION IN THE RETROSPLLENIAL CORTEX IMPAIRS THE RECALL OF CONTEXTUAL FEAR MEMORY

ERIC LUCA LUCA SIGWALD D'ALELIO¹; MANUEL E. GENOUD¹; MARCELO GIACHERO²; SOLEDAD DE OLMOS³; VICTOR A. MOLINA²; ALFREDO LORENZO³

1.INSTITUTO DE INVESTIGACIONES MÉDICAS, CÓRDOBA, ARGENTINA; 2.DEPARTAMENTO DE FARMACOLOGÍA, FACULTAD DE CIENCIAS QUÍMICAS, IFEC-CONICET-UNC, CÓRDOBA, ARGENTINA; 3.INSTITUTO DE INVESTIGACIONES MÉDICAS MERCEDES Y MARTÍN FERREYRA, INIMEC-CONICET-UNC, CÓRDOBA, ARGENTINA.

P01336 - TEMPORAL DISSOCIATION BETWEEN LOSS OF PRECISION AND LOSS OF STRENGTH IN A FEAR MEMORY

FLÁVIA ZACOUTEGUY BOOS; FABRÍCIO DINIZ DUTRA; ROSSANA ROSA PORTO; RICARDO MARCELO SACHSER; PAULA SANTANA LUNARDI; LUCAS DE OLIVEIRA ALVARES; JORGE ALBERTO QUILLFELDT
UFRGS, PORTO ALEGRE, RS, BRASIL.

P01337 - RETINYL PALMITATE ORAL SUPPLEMENTATION INDUCES ANXIETY IN WISTAR PREGNANT RATS AT THE THIRD WEEK OF GESTATION

CARLOS EDUARDO SCHNORR; DANIEL PENS GELAIN; JOSÉ CLÁUDIO FONSECA MOREIRA
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

P01338 - ENRICHED ENVIRONMENT DECREASED ANXIETY-RELATED BEHAVIOR IN AN ANIMAL MODEL OF GENERALIZED ANXIETY DISORDER

ALESSANDRA APARECIDA MARQUES¹; GISELE PEREIRA DIAS¹; ANNA CLAUDIA DOMINGOS SILVEIRA¹; MÁRIO CESAR DO NASCIMENTO BEVILAQUA¹; GRAHAM DAVID COCKS²; JESUS LANDEIRA FERNANDEZ³; SANDRINE THURET²; ANTONIO EGIDIO NARDI¹

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.KING'S COLLEGE LONDON, LONDON, REINO UNIDO; 3.PONTIFÍCIA UNIVERSIDADE CATÓLICA DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P01339 - NEUROCHEMICAL AND BEHAVIORAL ALTERATIONS INDUCED BY INTRACEREBROVENTRICULAR OCTANOATE ADMINISTRATION

HUGO GALVANE ZAPELINI¹; ANDREA CRISTINA RAMOS¹; LILIANE BORGES RODRIGUES¹; CLARISSA MARTINELLI COMIM²; RENATO LUIS MAFIOLETTI¹; GISELI SCAINI¹; FELIPE SCHMITZ³; ANDRE FELIPE RODRIGUES³; ANGELA TEREZINHA DE SOUZA WYSE³; JOAO QUEVEDO¹; GUSTAVO DA COSTA FERREIRA⁴; EMILIO LUIZ STRECK¹; PATRICIA FERNANDA SCHUCK¹

1.UNIVERSIDADE DO EXTREMO SUL CATARINENSE, CRICIÚMA, SC, BRASIL; 2.UNIVERSIDADE DO SUL DE SANTA CATARINA, TUBARÃO, SC, BRASIL; 3.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 4.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

P01340 - EVALUATION OF AN DEACETYLASE INHIBITOR IN THE REPEATED FORCED SWIMMING TEST IN MICE

PATRICK REMUS SUMAN; INAÊ SPEZIA; LAIS THEINDL; CILENE LINO DE OLIVEIRA
UFSC, FLORIANÓPOLIS, SC, BRASIL.

P01341 - PRINCIPAL COMPONENTS ANALYSIS OF NEUROPSYCHOLOGICAL TESTS ASSESSING DIFFERENT COGNITIVE DOMAINS IN HEALTHY SUBJECTS

RODRIGO ESTEBAN GONZALEZ-REYES; YEIMY GONZALEZ-GIRALDO; DIEGO A FORERO
UNIVERSIDAD ANTONIO NARIÑO, BOGOTÁ, COLÔMBIA.

P01342 - GLUCOCORTICOID RECEPTOR ACTIVATION IN THE AMYGDALA AND CORTICOSTERONE RELEASE ARE RELATED TO STRESS LEVELS DURING CONTEXTUAL FEAR CONDITIONING

RENATA PONCE PONCE LINA; MARTHA CARRANZA; NORMA SERAFÍN; JAZMÍN PARGA-MARTÍNEZ; ROBERTO AGUSTÍN PRADO-ALCALÁ; MARICELA LUNA; GINA LORENA QUIRARTE

INSTITUTO DE NEUROBIOLOGÍA, QUERÉTARO, MÉXICO.

PO1343 - TIME PROCESSING SKILLS IN YOUNG CHILDREN: A TRANSVERSAL STUDY IN EDUCATIONAL SETTINGS
ANDRÉS MÉNDEZ; ALEJANDRO VÁSQUEZ; ROCÍO VARELA; ANA PIRES; ANA MARTIN; FERNANDO GONZÁLEZ; PATRICIA WELS; ALEJANDRO MAICHE; ALEJANDRA CARBONI
CIBPSI, MONTEVIDEO, URUGUAI.

PO1344 - NEUROBODYGAME: DESIGN AND NEUROSCIENCE RELATIONSHIP IN THE PROJECT OF A WEARABLE COMPUTER FOCUSED ON PROVIDE ORGANIC INTERACTIONS WITH GAMES
RACHEL ZUANON; GERALDO COELHO LIMA JÚNIOR
ANHEMBI MORUMBI UNIVERSITY, SAO PAULO, SP, BRASIL.

PO1345 - NON-BREEDING TERRITORIAL AGGRESSION IS MODULATED BY AROMATASE ACTIVITY IN THE WEAKLY ELECTRIC FISH GYMNOTUS OMARORUM
CECILIA JALABERT¹; LAURA QUINTANA¹; ANA SILVA²
1.UNIDAD BASES NEURALES DE LA CONDUCTA, INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI; 2.LABORATORIO DE NEUROCIENCIAS, FACULTAD DE CIENCIAS, UDELAR / UNIDAD BASES NEURALES DE LA CONDUCTA, INSTITUTO DE INVESTIGACIONES BIOLÓGICAS CLEMENTE ESTABLE, MONTEVIDEO, URUGUAI.

PO1346 - BEHAVIORAL CHARACTERIZATION OF RAT ADULT OFFSPRING EXPOSED TO ETHANOL IN UTERO.
PAOLA HAEGER; MARCELA CONTRERAS; DANIELA GARCIA; PAULINA CORTES; ERWIN DE LA FUENTE; CAROLINA JULIO; DANIELA MUNOZ
DEPARTAMENTO CIENCIAS BIOMÉDICAS, FACULTAD DE MEDICINA, UNIVERSIDAD CATÓLICA DEL NORTE, COQUIMBO, CHILE.

PO1347 - IS THE HUMAN BEING CAPABLE OF FREE WILL BEFORE THE BIOPHYSICAL AND CHEMICAL PROCESSES OF THE BRAIN?
RAMON DA SILVA SANDI
UNIVERSIDADE DE CAXIAS DO SUL, CAXIAS DO SUL, RS, BRASIL.

PO1348 - ATORVASTATIN TREATMENT NOT REVERT THE BEHAVIORAL ALTERATIONS IN C57BL/6 MICE WITH STATUS EPILEPTICUS INDUCED BY PILOCARPINE
JULIA CANZIAN MARION; CLARISSA VASCONCELOS DE OLIVEIRA; JÉSSICA GRIGOLETTO; ANA CLAUDIA BECK GRAUNCKE; THAÍZE LOPES SOUZA; MAURO SCHNEIDER OLIVEIRA
FEDERAL UNIVERSITY OF SANTA MARIA, SANTA MARIA, RS, BRASIL.

PO1349 - USING VIDEOGAMES AS A SCREENING TOOL FOR ADHD IN CHILDREN
ROCÍO INÉS VARELA; ANDRÉS MÉNDEZ; FERNANDO GONZÁLEZ-PERILLI; ANA CRISTINA PIRES; ANA MARTÍN
CIBPSI - UDELAR, MONTEVIDEO, URUGUAI.

PO1350 - A METHODOLOGICAL REVIEW OF FACIAL EMOTION RECOGNITION
ANA IDALINA PAIVA-SILVA; MARTA KERR PONTES; RICARDO MENDES GOMES PEREIRA; WANIA CRISTINA SOUZA
UNB, UNIVERSIDADE DE BRASÍLIA, DF, BRASIL.

PO1351 - PHARMACOGENETIC DIFFERENCES FOUND BETWEEN SHR AND SLA16 RAT STRAINS IN RESPONSES TO D2 DOPAMINERGIC DRUGS
NATALI GRANZOTTO; MARIA ELISA CORVINO; FERNANDA JUNKES CORREA; GEISON IZIDIO
UFSC, FLORIANOPOLIS, SC, BRASIL.

PO1352 - EFFECTS OF CHRONIC TREATMENT WITH PROTEIN KINASE C INHIBITORS, LITHIUM, TAMOXIFEN AND HYPERICUM PERFORATUM, ON COGNITIVE PARAMETERS OF MALE AND FEMALE WISTAR RATS
ROGER BITENCOURT VARELA¹; SAMIRA SILVA VALVASSORI¹; CENITA PEREIRA BORGES¹; GUSTAVO COLOMBO DAL-PONT¹; EDEMILSON MARIOT¹; JOSIANE BUDNI¹; JOÃO QUEVEDO²
1.UNESC, CRICIÚMA, SC, BRASIL; 2.UTHEALTH, HOUSTON, ESTADOS UNIDOS.

PO1353 - REPRESENTATION OF LEARNED ACTION SEQUENCES IN THE DORSOLATERAL CORTICOSTRIATAL CIRCUIT
NUNE LEMAIRE; ANN M GRAYBIEL
MIT, CAMBRIDGE, ESTADOS UNIDOS.

PO1354 - PREDICTING INDIVIDUAL DIFFERENCES IN SEQUENCE LEARNING FROM OSCILLATORY ACTIVITY IN HUMAN MEG-DATA
FRÉDÉRIC ROUX¹; FROST RAM²; CARREIRAS MANUEL³
1.BCBL. BASQUE CENTER ON COGNITION BRAIN AND LANGUAGE, SAN SEBASTIAN, ESPANHA; 2.BCBL. BASQUE CENTER ON COGNITION, BRAIN AND LANGUAGE; DEPARTMENT OF PSYCHOLOGY, THE HEBREW UNIVERSITY JERUSALEM, ISRAEL, SAN SEBASTIAN, ESPANHA; 3.BCBL. BASQUE CENTER ON COGNITION, BRAIN AND LANGUAGE; IKERBASQUE, BASQUE FOUNDATION FOR SCIENCE, BILBAO; UPV/EHU, UNIVERSIDAD DEL PAIS VASCO, SAN SEBASTIAN, ESPANHA.

PO1355 - DECIDING WITHOUT CONSEQUENCES: AN FMRI STUDY REVISITING DECISION-MAKING DEFICITS IN OCD
BARTOSZ ZUROWSKI; ANTONIE ARNOLDUSSEN; ANDREAS KORDON; FRITZ HOHAGEN
CENTER FOR INTEGRATIVE PSYCHIATRY, UNIVERSITY OF LUEBECK, LUEBECK, ALEMANHA.

PO1356 - TRACING ROOTS IN COGNITION: THE NEUROANATOMY OF THE NILE CROCODILE TELENCEPHALON
BRENDON BILLINGS
UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, ÁFRICA DO SUL.

PO1373 - GENDER INFLUENCES ON PREFRONTAL-DEPENDENT COGNITIVE TASKS IN HEALTHY YOUNG ADULTS
FILIPE DANTAS LOURINHO¹; CRISTOVAM WANDERLEY PICAÑO DINIZ¹; NATÁLI VALIM OLIVER BENTO TORRES¹; ANNA CAROLINA CEZNE²; ALESSANDRA MENDONÇA TOMÁS¹; PAOLA GEANINE REIS CORRÊA¹; VICTOR OLIVEIRA DA COSTA¹; NAINA YUKI VIEIRA JARDINS¹; CARMELINA DE NAZARÉ MONTEIRO DA COSTA¹
1.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 2.CENTRO UNIVERSITÁRIO DO PARÁ, BELÉM, PA, BRASIL.

PO1374 - AN ARTSCI SCIENCE
JOSE OTAVIO MOTTA POMPEU E SILVA¹; DORYS FARIA CALVERT¹; DANILO ANDRADE DE MENESES²; DANDARA DANTAS²; EUFRASIO PRATES³; MAIRA M. FRÔES¹
1.INSTITUTO TERCIO PACITTI DE APLICAÇÕES E PESQUISAS COMPUTACIONAIS, PROGRAMA DE PÓS-GRADUAÇÃO EM HISTÓRIA DAS CIÊNCIAS E DAS TÉCNICAS E EPISTEMOLOGIA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.PROGRAMA DE PÓS-GRADUAÇÃO EM HISTÓRIA DAS CIÊNCIAS E DAS TÉCNICAS E EPISTEMOLOGIA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 3.UNB, ART INSTITUTE, ASSOCIATE RESEARCHER AT LADI AND LART, BRASILIA, DF, BRASIL.

PO1375 - THE PROFILE OF PATIENTS WHO DIE FROM ALZHEIMER BY REGION OF BRAZIL
EDNAN CARDOSO DE SOUSA; ÍVINA LORENA LEITE PEREIRA; DAVID HENRIQUE VIEIRA VILAÇA; KAROLINE DANTAS DE SOUZA TORQUATO; ÍTALO FRANKLIN BARBOSA ALENCAR E SILVA; WENDEL SILVA QUEIROZ; PEDRO KAYO DE FIGUEREDO MEDEIROS; FELIPE BATISTA RODRIGUES; RAYLHA FARIAS TAVARES; EWERTOM FREIRES MARQUES; LUCAS REIS COSTA; FRANCISCO CARLOS DE OLIVEIRA JUNIOR
FACULDADE SANTA MARIA, CAJAZEIRAS, PB, BRASIL.

11/07/2015

08:00-14:00

CENTRO DE CONVENÇÕES

POSTER SESSION IV - NOVEL METHODS AND TECHNOLOGY DEVELOPMENT

PO1357 - THE FULL FIELD ELECTRORETINOGRAM IN CATS: A NORMATIVE STUDY.

NASSIM CALIXTO¹; RAFAEL LANI LOUZADA²; LUIZ REIS BARBOSA JUNIOR²; VINICIUS VANZAN PIMENTEL DE OLIVEIRA²

1.FEDERAL UNIVERSITY OF MINAS GERAIS, BELO HORIZONTE, MG, BRASIL; 2.CARLOS CHAGAS FILHO BIOPHYSICS INSTITUTE - UFRJ, RIO DE JANEIRO, RJ, BRASIL.

PO1358 - PATTERN ELECTRORETINOGRAM IN CATS: A NEW STANDARDIZATION PROPOSAL

ADALMIR MORTERÁ DANTAS; LUIZ REIS BARBOSA JUNIOR; RAFAEL LANI LOUZADA

BIOPHYSICS INSTITUTE CARLOS CHAGAS FILHO, RIO DE JANEIRO, RJ, BRASIL.

PO1359 - NEURAL NETWORK METHODS TO DEFINE SLEEP MICROSTRUCTURE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME

MOHAMMAD TORABI-NAMI¹; REZA BOOSTANI²; SAMRAD MEHRABI³; SABRI DERMAN⁴

1.DEPARTMENT OF NEUROSCIENCE, SCHOOL OF ADVANCED MEDICAL SCIENCES AND TECHNOLOGIES, SHIRAZ UNIVERSITY OF MEDICAL SCIENCES, SHIRAZ, IRAN; 2.DEPARTMENT OF BIOENGINEERING, SHIRAZ UNIVERSITY, SHIRAZ, IRAN; 3.DEPARTMENT OF INTERNAL MEDICINE, SCHOOL OF MEDICINE, SHIRAZ UNIVERSITY OF MEDICAL SCIENCES, SHIRAZ, IRAN; 4.SLEEP DISORDERS UNIT, AMERICAN HOSPITAL, KOC FOUNDATION, ISTANBUL, TURQUIA.

PO1360 - ACCELERATING BIOPHYSICAL NEURAL NETWORK SIMULATIONS USING A GPU-BASED ENGINE

RAPHAEL YOKOINGAWA DE CAMARGO; SAEED SHARIATI

UFABC, SÃO BERNARDO DO CAMPO, SP, BRASIL.

PO1361 - DETECTION OF INORGANIC NANOPARTICLES AND THEIR POTENTIAL TARGETS IN THE BRAIN OF MICE

MASAKAZU UMEZAWA¹; FUMIYA SUYAMA²; KEN TACHIBANA³; ATSUTO ONODA²; NATSUKO KUBOTA¹; SHINYA

YANAGITA⁴; KEN TAKEDA¹

1.THE CENTER FOR ENVIRONMENTAL HEALTH SCIENCE FOR THE NEXT GENERATION, RESEARCH INSTITUTE FOR SCIENCE AND TECHNOLOGY, ORGANIZATION FOR RESEARCH ADVANCEMENT, TOKYO UNIVERSITY OF SCIENCE, NODA, JAPÃO; 2.DEPARTMENT OF HYGIENIC CHEMISTRY, GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES, TOKYO UNIVERSITY OF SCIENCE, NODA, JAPÃO; 3.DEPARTMENT OF HEALTH BIOSCIENCES, NIHON PHARMACEUTICAL UNIVERSITY, INA, JAPÃO; 4.FACULTY OF SCIENCE AND TECHNOLOGY, TOKYO UNIVERSITY OF SCIENCE, NODA, JAPÃO.

PO1362 - GENOME-SCALED HUMAN METABOLIC MODEL –RECON2– TO STUDY ALTERATIONS IN

MUCOPOLISACCHARIDOSIS.

DIEGO SALAZAR¹; CYNTHIA MARTIN²; ALEXANDER RODRIGUEZ²; JAVIER ALMECIGA²; GEORGE BARRETO²; JANNETH GONZALEZ²

1.UNIVERSIDAD SANTO TOMAS, BOGOTA, COLÔMBIA; 2.PONTIFICIA UNIVERSIDAD JAVERIANA, BOGOTA, COLÔMBIA.

PO1363 - DNA SUBTRACTION OF IN VIVO PHAGE DISPLAY REPERTOIRES SELECTED FOR ENRICHMENT AND IDENTIFICATION OF PATHOLOGY BIOMARKERS IN NEUROINFLAMMATION

JEINNY KARINA VARGAS SANCHEZ¹; VEKRIS ANTOINE VEKRIS²; KLAUS PETRY²; CLAUDINE BOIZIAU³

1.UNIVERSIDAD ANTONIO NARIÑO, BOGOTA, COLÔMBIA; 2.: INSERM U1049, BORDEAUX UNIVERSITY, BORDEAUX, FRANÇA; 3.INSERM U1026, BORDEAUX UNIVERSITY, BORDEAUX, FRANÇA.

PO1364 - MIRROWING THE PIXEL : A PARALLEL WITH NEUROSCIENCE AND TECHNOLOGY THROUGH IMAGE

PROCESSING



CRISTINA AMAZONAS; CELSO PEREIRA GUIMARAES; MAIRA MONTEIRO FROES
FEDERAL UNIVERSITY OF RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

PO1365 - GENERATION OF TRANSGENIC MARMOSETS EXPRESSING GENETICALLY ENCODED CALCIUM INDICATOR GCAMP

JUNG EUN PARK¹; XIAN FENG ZHANG¹; SANG-HO CHOI¹; JAMES PICKEL²; JUNKO OKAHARA³; ERIKA SASAKI³; AFONSO C. SILVA¹

1.NINDS, NIH, BETHESDA, ESTADOS UNIDOS; 2.NIMH, NIH, BETHESDA, ESTADOS UNIDOS; 3.CIEA, KAWASAKI, JAPÃO.

08/07/2015

08:00-17:30

CENTRO DE CONVENÇÕES

POSTER SESSION I - BRAIN AWARENESS WEEK

BAW001 - THE E-HISTOLOGY ATLAS: A FREE ONLINE RESOURCE FOR DEVELOPMENTAL NEUROBIOLOGISTS
CHRIS ARMIT¹; DAVID PRICE²; NICHOLAS BURTON¹; ELIZABETH GRAHAM¹; JULIE MOSS¹; YOGMATEE ROOCHUN¹; LORNA RICHARDSON¹; RICHARD BALDOCK¹

1.INSTITUTE OF GENETICS AND MOLECULAR MEDICINE, UNIVERSITY OF EDINBURGH, EDINBURGH, REINO UNIDO;
2.CENTRE FOR INTEGRATIVE PHYSIOLOGY, UNIVERSITY OF EDINBURGH, EDINBURGH, REINO UNIDO.

BAW002 - PROMOTING DISSEMINATION OF NEUROSCIENCE DURING THE BRAIN AWARENESS WEEK 2015: KIDS MAKING ART WITH THE BRAIN

BRUNA TARASUK TREIN CRESPO; BRUNA MEYER PERRONI; GEÓRGIA FILIPIN; LIANE VARGAS; BRUNO MARONEZE; PÂMELA MELLO-CARPES

UNIVERSIDADE FEDERAL DO PAMPA, URUGUAIANA, RS, BRASIL.

BAW003 - DO YOU KNOW YOUR BRAIN? ACTION TO PROMOTE NEUROSCIENCE POPULARIZATION IN A PUBLIC PARK OF URUGUAIANA/RS/BRAZIL DURING BRAIN AWARENESS WEEK 2015

BRUNO MACHADO MARONEZE; LIANE VARGAS; BRUNA MEYER PERRONI; BRUNA T CRESPO; MAUREN ASSIS SOUZA; PÂMELA MELLO-CARPES

UNIVERSIDADE FEDERAL DO PAMPA, URUGUAIANA, RS, BRASIL.

BAW004 - 1ª BRAIN WEEK

TARCISIO JOSE DE MELO FERREIRA

UNIVERSIDADE FEDERAL DO MARANHÃO - UFMA, SÃO LUIS, MA, BRASIL.

BAW005 - FLORIANÓPOLIS' BRAIN AWARENESS WEEK 2015: OUTREACH CHILDREN TO ELDERLY IN SOUTH OF BRAZIL

ANA CRISTINA GUERRA DE SOUZA; ELOISA PAVESI; MARCELO GIACHERO; CLAUDINI HONORIO DE PIERI; THEREZA CHRISTINA MONTEIRO DE LIMA

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANÓPOLIS, SC, BRASIL.

BAW006 - MEETING THE BRAIN: NEUROSCIENCE FOR TEENAGERS

MARTA CRISTINA DA CUNHA RODRIGUES; ALAN PEREIRA DA COSTA; ANA CAROLINA BASTOS BARBOSA; ANA CAROLINE DA SILVA FERREIRA; BRUNA MESSIAS LOTUFO; EVERTON LUIS NUNES COSTA; GABRIELLE DE PAULA LOPES GONZALEZ; GUSTAVO DINIZ DE MESQUITA TAVEIRA; LUIZ OTÁVIO RIBEIRO DE LEMOS FELGUEIRAS; MICHAEL LUIZ MARTINS ROCHA; ALEX CHRISTIAN MANHÃES; FRANK TENÓRIO; PENHA CRISTINA BARRADAS

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL.

BAW007 - BRAZILIAN BRAIN AWARENESS WEEK! THE IV NATIONAL BRAIN WEEK OF UFRGS



RENATA MENEZES ROSAT; FLÁVIA ZACOUTEGUY BOOS; ISABEL CRISTINA MACEDO; FRANCINE DALPIAN; JORGE ALBERTO QUILLFELDT
UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL.

BAW008 - GLIA NEWS: AN STRATEGY TO PRESENT GLIAL CELLS

ADRIANA LIMA FERREIRA¹; MICHAEL LUIZ MARTINS ROCHA¹; ALAN PEREIRA DA COSTA¹; EVERTON LUIS NUNES COSTA¹; ANDRE ANDRÉ NASCIMENTO PARCIAL¹; MELLANIE FONTES DUTRA DA SILVA²; DENYSE ANNE¹; AMANDA MARGARIDA DE OLIVEIRA³; PENHA CRISTINA BARRADAS DALTRO-SANTOS¹
1.UERJ, RIO DE JANEIRO, RJ, BRASIL; 2.UFRGS, PORTO ALEGRE, RS, BRASIL; 3.UFMG, BELO HORIZONTE, MG, BRASIL.

BAW009 - BRAZIL AT THE GLOBAL PODIUM OF NEUROSCIENCE POPULARIZATION

MAIRA MONTEIRO FROES¹; CARLOS HENRIQUE BUCK¹; RAFAEL N. RUGGIERO²; ARTUR FERNANDES²; LÉZIO S. BUENO-JÚNIOR²; ANTÔNIO PEREIRA-JÚNIOR³; DANIELA MARTÍ-BARROS⁴; AMAURI GOUVEIA JÚNIOR⁵; MARIA ELENA CRESPO-LÓPEZ⁵; MARCIA RENATA MORTARI⁶; NORBERTO GARCIA-CAIRASCO²; JORGE QUILLFELDT⁷; CECILIA HEDIN-PEREIRA⁸

1.UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, RJ, BRASIL; 2.UNIVERSIDADE DE SÃO PAULO, RIBEIRÃO PRETO, SP, BRASIL; 3.UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 4.UNIVERSIDADE DO RIO GRANDE, RIO GRANDE, RS, BRASIL; 5.UNIVERSIDADE FEDERAL DO PARÁ, BELÉM, PA, BRASIL; 6.UNIVERSIDADE DE BRASÍLIA, BRASÍLIA, DF, BRASIL; 7.UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE, RS, BRASIL; 8.FUNDAÇÃO INSTITUTO OSWALDO CRUZ, RIO DE JANEIRO, RJ, BRASIL.

BAW010 - BRAIN AWARENESS WEEK: THE NATAL 2015 EXPERIENCE

DAIANE FERREIRA GOLBERT¹; EDUARDO B SEQUERRA¹; FERNANDA PALHAN¹; ANDRÉ PANTOJA¹; BRYAN C SOUZA¹; HINDIAEL BELCHIOR¹; VITOR SANTOS¹; PHIÉTICA R.R. SILVA¹; ARTHUR S FRANCA¹; SERGIO A MOTA-ROLIM¹; RAFAELA FAUSTINO¹; RAPHAEL BENDER¹; MARCOS CARVALHO²; JEANA MAGALHÃES³; RENATA ANOMAL⁴; DANIEL ALMEIDA-FILHO¹; DÉBORA KOSHIYAMA¹; CAROLINA S ARAUJO¹; CLAUDIO QUEIROZ¹; DRAULIO B ARAUJO¹; SYLVIA PINHEIRO¹

1.UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, NATAL, RN, BRASIL; 2.ASSOCIAÇÃO DE CAPOEIRA NACIONAL, NATAL, RN, BRASIL; 3.ESCOLA ESTADUAL JUVENAL LAMARTINE, NATAL, RN, BRASIL; 4.UNIVERSIDADE MAURICIO DE NASSAU, NATAL, RN, BRASIL.

BAW011 - BRAIN AWARENESS WEEK ON THE UNIVERSITY OF BRASÍLIA (UNB)

MÁRCIA RENATA MORTARI; FLÁVIA MARIA MEDEIROS GOMES; JULIANA DE CASTRO SILVA; GABRIEL AVOHAY ALVES CAMPOS; LILIAN CARNEIRO DOS ANJOS; CLAUDIA JIMENA ARENAS; PRISCILLA GALANTE
UNIVERSITY OF BRASÍLIA, BRASÍLIA, DF, BRASIL.

BAW012 - THE EXPERIENCE OF DISCUSSING THE IMPACT OF DRUG ABUSE FOR THE DEVELOPING BRAIN WITH CHILDREN FROM POOR COMMUNITIES AND ADULTS FROM A WEALTH NEIGHBORHOOD DURING THE BRAIN AWARENESS WEEK

MONICA SANTOS ROCHA; ROSANGELA CARVALHO; VANESSA LIMA; JOSE RODRIGO FRANCA SILVA; MARIANNA ANDRADE; BRUNA BARBOSA
UFRJ, RIO DE JANEIRO, RJ, BRASIL.