

APRIL 20, 2018 (FRIDAY)

9:00

REGISTRATION OPENS

10:00 – 10:15

LARGE AULA A

OPENING CEREMONY

PRORECTOR OF THE JAGIELLONIAN UNIVERSITY
PROF. DR HAB. DOROTA MALEC

10:15 – 12:30

LARGE AULA A

DRUGS THAT HEAL, DRUGS THAT KILL:
TRIBUTE TO PROFESSORS JERZY VETULANI AND KRZYSZTOF WĘDZONY
CO-ORGANIZED WITH INSTITUTE OF PHARMACOLOGY, POLISH ACADEMY OF SCIENCES

CHAired BY: IRENA NALEPA (INSTITUTE OF PHARMACOLOGY PAS, KRAKOW, POLAND)
& MICHAŁ ŚLĘZAK (BIOMED X INNOVATION CENTER, HEIDELBERG, GERMANY)

PHIL SKOLNICK (CSO OPIANT PHARMACEUTICALS, USA):
RESCUE BY NALOXONE: ON THE FRONT LINES OF THE OPIOID EPIDEMIC

JOAHANNES G. RAMAEKERS (Maastricht University, THE NETHERLANDS):
CANNABINOIDS, FRIENDS OR ENEMIES?

EERO CASTRÉN (UNIVERSITY OF HELSINKI, FINLAND):
NEURONAL PLASTICITY AND THE ANTIDEPRESSANT ACTION

12:30 – 13:30

LUNCH

LARGE AULA A

PLENARY LECTURE:

13:30 – 14:30

EMMA ROBINSON (UNIVERSITY OF BRISTOL, UK):

HOW NEW METHODS TO STUDY EMOTIONAL BEHAVIOUR IN RODENTS HAVE PROVIDE INSIGHTS INTO THE NEUROBIOLOGY OF MOOD DISORDERS AND THEIR TREATMENT

LARGE AULA A

14:30 – 15:30

FLASH TALKS

ORAL SESSIONS:

LARGE AULA A

LEARNING AND MEMORY

CHAIRIED BY: JAN RODRIGUEZ PARKITNA (INSTITUTE OF PHARMACOLOGY PAS, KRAKOW, POLAND) & SZYMON WICHARY (SWPS, WROCŁAW, POLAND)

MARK WALTON (UNIVERSITY OF OXFORD, UK): RAPID DOPAMINE RELEASE DURING DECISION MAKING: WAITING, ACTING, CHOOSING?

PRZEMYSŁAW ELIGIUSZ CIEŚLAK (INSTITUTE OF PHARMACOLOGY PAS, KRAKOW, POLAND): A ROLE OF NMDA RECEPTOR-DEPENDENT BURST FIRING OF MIDBRAIN DOPAMINE NEURONS IN ADAPTIVE DECISION-MAKING

DIANA LEGUTKO (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): WHERE DOES THE BRAIN STORE ITS MEMORIES? – COMPARISON BETWEEN APPETITIVE AND AVERSIVE EXPERIENCE

KACPER KONDRAKIEWICZ (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): CENTRAL AMYGDALA REGULATES SOCIAL TRANSFER OF FEAR

MEDIUM AULA

DEVELOPMENTAL AFFECTIVE NEUROSCIENCE

CHAIRIED BY: JISKA S. PEPPER (LEIDEN UNIVERSITY, THE NETHERLANDS)

15:30 – 17:00

JISKA S. PEPPER (LEIDEN UNIVERSITY, THE NETHERLANDS): NEURO-ENDOCRINOLOGICAL CORRELATES OF ADOLESCENT RISK-TAKING AND IMPULSIVITY: A LONGITUDINAL STUDY

ANNA TYBOROWSKA (RADBODU UNIVERSITY NIJMEGEN, THE NETHERLANDS): PUBERTAL TESTOSTERONE SHIFTS NEURAL SOCIAL EMOTIONAL ACTION CONTROL DURING ADOLESCENCE

CORINNA LAUBE (MAX PLANCK INSTITUTE FOR HUMAN DEVELOPMENT, GERMANY): TEENS, TESTOSTERONE AND TIME: ENDOCRINOLOGICAL AND NEURAL CORRELATES OF ADOLESCENT IMPATIENCE

JEROEN VAN DESSEL (KU LEUVEN, BELGIUM): DEVELOPMENTAL CHANGES IN NEURAL RESPONSE TOWARDS CERTAIN AND CONDITIONAL MONETARY LOSS ANTICIPATION IN ATTENTION-DEFICIT/HYPERACTIVITY DISORDER

SEMINAR ROOM
MEDICAL SESSION

CHAired BY: WITOLD LIBIONKA (WSS GDAŃSK, POLAND)

WITOLD LIBIONKA (WSS GDAŃSK, POLAND): NEUROSTIMULATION OF THE CNS – FROM MECHANISMS TO CLINICAL APPLICATIONS

ALEKSANDRA GAŁWA (POZNAŃ UNIVERSITY OF MEDICAL SCIENCES, POLAND): CLINICAL ANALYSIS OF PATIENTS TREATED FOR LYMPHOMA OF CENTRAL NERVOUS SYSTEM

MARTA GRZYWACZ (COLLEGE OF MEDICINE, NATIONAL UNIVERSITY OF IRELAND, GALWAY, IRELAND): PROGRESSION OF THALAMIC AND THIRD VENTRICULAR VOLUME IN FIRST EPISODE PSYCHOSIS: A THREE-YEAR FOLLOW UP STUDY

KAROL WDOWIŃSKI (POZNAN UNIVERSITY OF MEDICAL SCIENCES, POLAND): ENDOVASCULAR TREATMENT OF BASILAR ARTERY OCCLUSION – CASE SERIES PRESENTATION

17:00 – 17:30

COFFEE BREAK

17:30 – 18:30

EXHIBITION ROOM
POSTER SESSION I

18:30 – 19:30

LARGE AULA A
PLENARY LECTURE:

MARKUS ULLSPERGER (OTO VON GUERICKE UNIVERSITY MAGDEBURG, GERMANY): NEURONAL MECHANISMS OF PERFORMANCE MONITORING AND ADAPTIVE CONTROL

19:30

WELCOME RECEPTION

APRIL 21, 2018 (SATURDAY)

8:30

REGISTRATION OPENS

9:00 – 10:00

LARGE AULA A

PLENARY LECTURE:

OLE JENSEN (UNIVERSITY OF BIRMINGHAM, UK):

ON THE ROLE OF ALPHA AND GAMMA OSCILLATIONS FOR ROUTING AND PRIORITIZING
INFORMATION IN THE WORKING BRAIN

ORAL SESSIONS:

LARGE AULA A

BRAIN STATE DEPENDENT OSCILLATIONS

CHAIRIED BY: MEHRNOUSH ZOBEIRI (WESTFÄLISCHE WILHELMS-UNIVERSITÄT, MÜNSTER, GERMANY)

MAGOR LÁSZLÓ LŐRINCZ (UNIVERSITY OF SZEGED, HUNGARY): BRAIN STATE DEPENDENT
MODULATION OF PHYSIOLOGICAL AND PATHOLOGICAL THALAMIC ACTIVITY

MEHRNOUSH ZOBEIRI (WESTFÄLISCHE WILHELMS-UNIVERSITÄT, GERMANY): OSCILLATIONS AND
BRAIN CONNECTIVITY IN THALAMOCORTICAL DYSRHYTHMIA

MÁTÉ PETHŐ (EÖTVÖS LORÁND UNIVERSITY, BUDAPEST, HUNGARY): REGION-SPECIFIC
ADENOSINERGIC MODULATION OF THE SLOW CORTICAL RHYTHM IN URETHANE-ANESTHETIZED AND
FREELY MOVING RATS

JAGODA JECZMIEN-LAZUR (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): SILENCING VISUAL
CORTEX DOES NOT INFLUENCE LIGHT RESPONSIVENESS IN THE RAT DORSAL LATERAL GENICULATE
NUCLEUS

MEDIUM AULA A
DECISION MAKING

CHAired BY: ADRIAN FISCHER (OTTO VON GUERICKE UNIVERSITY MAGDEBURG, GERMANY)

Wouter Rys (TRINITY COLLEGE DUBLIN, IRELAND): EXPLORING THE NEURAL BASIS OF METACOGNITION IN DECISION-MAKING

Ewa Beldzik (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): WHEN THREE IS GREATER THAN FIVE: EEG AND FMRI SIGNATURES OF ERRONEOUS DECISIONS

Mikołaj Magnuski (UNIVERSITY OF SOCIAL SCIENCES AND HUMANITIES, WARSAW, POLAND): ADVANCED EEG STATISTICS IN STUDIES OF DECISION MAKING

Adrian Fischer (OTTO VON GUERICKE UNIVERSITY MAGDEBURG, GERMANY): BETA POWER REVEALS THE DYNAMICS OF HUMAN CHOICE FORMATION

10:00–11:30

MEDIUM AULA B
PAIN IN MULTISENSORY SPACE

CHAired BY: VALERY LEGRain (UNIVERSITÉ CATHOLIQUE DE LOUVAIN, BELGIUM)

Janet Bultitude (UNIVERSITY OF BATH, UK): IMPAIRED SENSORIMOTOR INTERACTION AND SPATIAL PERCEPTION IN PATHOLOGICAL PAIN

Monika Halicka (UNIVERSITY OF BATH, UK): ALTERED SPATIAL REPRESENTATIONS IN PATHOLOGICAL PAIN AND HOW THEY COULD BE TARGETED FOR TREATMENT

Camille Vanderclausen (UNIVERSITÉ CATHOLIQUE DE LOUVAIN, BELGIUM): DANGER IN THE DARK! LOCALIZATION OF NOCICEPTIVE STIMULI IN NORMALLY SIGHTED AND CONGENITALLY BLIND PEOPLE

Axel Vittersø (UNIVERSITY OF EXETER, UK): UPDATING PERIPERSONAL SPACE AND BODY REPRESENTATION DURING ACUTE PAIN

SEMINAR ROOM
MEDICAL SESSION

CHAired BY: ROBERTO FURLAN (INSPE, MILAN, ITALY)

Roberto Furlan (INSPE, MILAN, ITALY): INTRATHECAL CYTOKINE DELIVERY FOR THE TREATMENT OF EXPERIMENTAL NEUROINFLAMMATION

Paula Chlebanowska (JAGIELLONIAN UNIVERSITY MEDICAL COLLEGE IN KRAKOW, POLAND): COMPARATIVE DERIVATION OF 3D HUMAN MIDBRAIN-LIKE ORGANOIDS FROM HUMAN INDUCED PLURIPOTENT STEM CELL (IPS) LINES OF SINGLE DONOR ORIGIN

Rafał Skowronek (MEDICAL UNIVERSITY OF SILESIA, POLAND): TIME-RELATED MORPHOMETRIC STUDIES OF CD34 ANTIGEN EXPRESSION IN VESSELS IN BRAIN CONTUSIONS

Joanna Wójcik (WORLD HEARING CENTER IN WARSAW/KAJETANY, POLAND): LEVELS OF GLUTAMINE AND GLUTAMATE IN TINNITUS PATIENTS ASSESSED WITH PROTON MAGNETIC RESONANCE SPECTROSCOPY

11:30–12:00

COFFEE BREAK

ORAL SESSIONS:

LARGE AULA A

NEUROPEPTIDES

CHAired BY: CHRISTOPH SCHWARZER (MEDICAL UNIVERSITY OF INNSBRUCK, AUSTRIA)

CHRISTOPH SCHWARZER (MEDICAL UNIVERSITY OF INNSBRUCK, AUSTRIA): NEUROPEPTIDES - FUNCTIONAL ROLE AND THERAPEUTIC OPTIONS IN EPILEPSY

IWONA KMIEĆ (MEDICAL UNIVERSITY OF INNSBRUCK, AUSTRIA): FUNCTIONAL NEUROANATOMY OF PRODYNORPHIN

ZOFIA HARDA (INSTITUTE OF PHARMACOLOGY PAS, KRAKOW, POLAND): THE ROLE OF OPIOID MODULATION OF D1 DOPAMINOCEPTIVE CELLS IN SOCIAL CONTACT INITIATION

ALAN KANIA (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): SEARCHING FOR NEURONAL MECHANISM OF NEUROPEPTIDE'S OREXIGENIC ACTION - RELAXIN-3 SIGNALLING IN PARAVENTRICULAR NUCLEUS OF HYPOTHALAMUS

MEDIUM AULA A

CANINE MODELS OF HUMAN NEUROCOGNITION

CHAired BY: ATTILA ANDICS (EÖTVÖS LORÁND UNIVERSITY, BUDAPEST, HUNGARY)

ATTILA ANDICS (EÖTVÖS LORÁND UNIVERSITY, BUDAPEST, HUNGARY): IMAGING THE AWAKE DOG BRAIN

ANNA KIS (HUNGARIAN ACADEMY OF SCIENCES, HUNGARY): INVESTIGATION OF CANINE BRAIN ACTIVITY DURING SLEEP USING NONINVASIVE POLYSOMNOGRAPHY

IVAYLO IOTCHEV (EÖTVÖS LORÁND UNIVERSITY, BUDAPEST, HUNGARY): THE DOG AS A MODEL ANIMAL FOR STUDYING SLEEP SPINDLES - EMERGING EVIDENCE FOR AN ANALOGY REGARDING FUNCTION AND AGE-RELATED CHANGES BETWEEN DOGS AND HUMANS

LAURA V. CUAYA (INSTITUTE OF NEUROBIOLOGY, NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO, MEXICO): CEREBRAL ACTIVITY IN DOGS RELATED TO PERCEPTION OF HUMAN FACES

RAÚL HERNÁNDEZ-PÉREZ (INSTITUTE OF NEUROBIOLOGY, NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO, MEXICO): DECODING HUMAN EMOTIONAL FACES IN THE DOG'S BRAIN

MEDIUM AULA B

AUDITORY NEUROSCIENCE

CHAired BY: INGA GRISKOVA-BULANOVA (VILNIUS UNIVERSITY, LITHUANIA)

INGA GRISKOVA-BULANOVA (VILNIUS UNIVERSITY, LITHUANIA): PROCESSING OF PERIODIC SOUNDS IN THE BRAIN: IMPORTANCE AND PRACTICAL APPLICATIONS OF AUDITORY STEADY-STATE RESPONSES

MAREK BINDER (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): HOW THE LEVEL OF CONSCIOUSNESS CAN AFFECT AUDITORY STEADY-STATE RESPONSES

MARTIN ANDERMANN (UNIVERSITY HOSPITAL HEIDELBERG, GERMANY): ASSESSING AUDITORY STEADY STATE RESPONSES BY MEANS OF MAGNETOENCEPHALOGRAPHY

ANNA SAMSEL (KU LEUVEN, BELGIUM): AUDITORY STEADY STATE RESPONSES IN COCHLEAR IMPLANT USERS

CECILE PACORET (UNIVERSITY OF GENEVA, SWITZERLAND): IMPLICATION OF SYNCHRONOUS SPIKING TO THE AUDITORY STEADY-STATE RESPONSE INTERPRETATION: AN EEG STUDY

12:00-13:30

13:30–14:15

LUNCH

14:15–15:15

EXHIBITION ROOM POSTER SESSION II

EXHIBITION ROOM

15:15–16:00

LARGE AULA A
PANEL DISCUSSION:
INDUSTRY MEETS ACADEMIA - WHAT ARE CAREER OPTIONS?

IMPACT FOR
NEUROSCIENCE

POWERED BY
IMPACTCEE

16:00–16:45

EXHIBITION ROOM
COFFEE BREAK / MEET THE SPEAKER OVER COFFEE

ORAL SESSIONS:

LARGE AULA A

SYSTEMS NEUROSCIENCE

CHAired BY: MARCIN SZCZOT (NIH, BETHESDA, USA)

ALEXANDER CHESLER (NIH, BETHESDA, USA): UNDER YOUR SKIN: MOLECULES AND CELLS FOR TOUCH AND PAIN

AGATA STASZELIS (UNIVERSITY OF LODZ, POLAND): IMMUNOHISTOCHEMICAL CLASSIFICATION OF NEURONS IN LAYER V OF THE MEDIAL ENTORHINAL CORTEX WITH PROVEN CONVERGENT INPUT FROM THE SUBICULUM AND THE RETROSPLENIAL CORTEX

WERONIKA SZADZINSKA (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): PREFRONTAL CORTEX NEURONAL ACTIVITY UNDERLYING FEAR EXTINCTION

KATARZYNA ZAJDA (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): PREFRONTAL CORTEX CATECHOLAMINERGIC ACTIVITY REGULATES CUE-INDUCED COCAINE CRAVING

MEDIUM AULA A

NEUROSCIENCE OF LANGUAGE

CHAired BY: MARCIN SZWED (JAGIELLONIAN UNIVERSITY IN KRAKOW)

AGNIESZKA DĘBSKA (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): NEURAL SIGNATURES OF READING AND SPELLING DEFICITS IN CHILDREN

MAGDALENA ŁUNIEWSKA (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): PHONOLOGICAL AWARENESS IN CHILDREN DEVELOPING DYSLEXIA - A LONGITUDINAL fMRI STUDY

AGNIESZKA KACPRZAK (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): VOXEL AND SURFACE BASED MORPHOMETRY IN ELEMENTARY SCHOOL LATE TALKING CHILDREN WITH AND WITHOUT DEVELOPMENTAL DYSLEXIA

CLARA KUPER (FREE UNIVERSITY BERLIN, GERMANY): FUNCTIONAL CHANGES DURING THE ACQUISITION OF SPOKEN AND WRITTEN GREEK

16:45 – 18:15

MEDIUM AULA B

EMOTIONAL MODULATION OF ATTENTION AND PERCEPTION

CHAIRER BY: HADAS OKON-SINGER (UNIVERSITY OF HAIFA, ISRAEL)

HADAS OKON-SINGER (UNIVERSITY OF HAIFA, ISRAEL): NEURAL MODULATION OF EMOTIONAL REACTIONS: FOCUS ON ATTENTION AND PERSONALITY

RUBEN AZEVEDO (UNIVERSITY OF LONDON, UK): TRUTH FROM WITHIN: PHYSIOLOGICAL RESPONSES TO EMOTIONALLY CHARGED PHOTOS OF REAL-LIFE EVENTS PREDICTS JUDGMENTS OF PHOTO AUTHENTICITY

MARIA LOJOWSKA (Radboud University Nijmegen, The Netherlands): FREEZING MODULATES EARLY VISUOCORTICAL ACTIVITY IN HUMANS

MANON MULCKHUYSE (Radboud University Nijmegen, The Netherlands): THE ROLE OF THE RIGHT POSTERIOR PARIETAL CORTEX (PPC) IN EMOTIONAL ATTENTION

ANTONIO SCETTINO (Ghent University, Belgium): INDEPENDENT VS. INTERACTIVE EFFECTS OF EMOTION AND BASIC VISUAL FEATURES DURING WORD READING

LARGE AULA A

PLENARY LECTURE:

YVES DE KONINCK

(UNIVERSITÉ LAVAL AND CERVO BRAIN RESEARCH CENTRE, QUÉBEC, QC, CANADA):

GATING PAIN; FROM NORMAL TO PATHOLOGICAL TRANSMISSION

18:15 – 19:15

SOCIAL EVENTS

APRIL 22, 2018 (SUNDAY)

LARGE AULA A

PLENARY LECTURE:

THOMAS KUNER (UNIVERSITY OF HEIDELBERG, GERMANY):

IMAGING CELL BIOLOGY AT WORK IN THE AWAKE MOUSE BRAIN

9:30 – 10:30

COFFEE BREAK

10:30 – 11:00

ORAL SESSIONS:

LARGE AULA A

SYNAPTIC PLASTICITY

CHAired BY: ANNA BŁASIAK (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND)

JEREMY HENLEY (UNIVERSITY OF BRISTOL, UK): MECHANISMS AND CONSEQUENCES OF KAINATE RECEPTOR REGULATION FOR SYNAPTIC PLASTICITY, HEALTH AND DISEASE

AGATA NOWACKA (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): ACTIVITY-DEPENDENT TRAFFICKING OF PSD-95 AFTER LTP AND LTD

ŁUKASZ BIJOCH (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): SYNAPTIC PLASTICITY OF NATURAL AND ADDICTIVE REWARDS

ZAHRA FAYYAZ (SHARIF UNIVERSITY OF TECHNOLOGY, IRAN): A MULTI-FRACTAL APPROACH FOR STUDYING NEURONAL ACTIVITY

MEDIUM AULA A

MOTOR ACTIVITY

CHAired BY: ROB VAN DER LUBBE (UNIVERSITY OF TWENTE, THE NETHERLANDS)

ROB VAN DER LUBBE (UNIVERSITY OF TWENTE, THE NETHERLANDS): HOW TO DEMONSTRATE A NORMAL CONTRALATERAL ORGANIZATION OF HAND-MOTOR AREAS AT AN INDIVIDUAL LEVEL FOR CHILDREN AFFECTED BY CEREBRAL PALSY?

DALINA DELFING (RADBOD UNIVERSITY NIJMEGEN, THE NETHERLANDS): EXAMINING THE MOTOR OBSERVATION AND MOTOR IMAGERY CAPACITY OF TYPICALLY DEVELOPING CHILDREN AND CHILDREN WITH UNILATERAL CEREBRAL PALSY – AN EEG STUDY

MIKOŁAJ BUCHWALD (ADAM MICKIEWICZ UNIVERSITY IN POZNAŃ, POLAND): DECODING FUNCTIONAL GRASPS OF TOOLS FROM BRAIN ACTIVITY: AN fMRI MULTI-VOXEL PATTERN ANALYSIS STUDY

MACIEJ RAŚ (ADAM MICKIEWICZ UNIVERSITY IN POZNAŃ, POLAND): NEURAL UNDERPINNINGS OF ACTIONS INVOLVING COMPLEX TOOLS: AN fMRI STUDY

MEDIUM AULA B

FACTORS AFFECTING EMOTIONAL PROCESSING

CHAired BY: MIREK WYCZESANY (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND)

JOHANNA KISSLER (BIELEFELD UNIVERSITY, GERMANY): A SOCIAL BRAIN: HOW ATTRIBUTED SOCIAL CONTEXT MODULATES VERBAL EMOTIONAL FEEDBACK PROCESSING

CONSTANTIN WINKER (UNIVERSITY OF MÜNSTER, GERMANY): NONINVASIVE STIMULATION OF THE VENTROMEDIAL PREFRONTAL CORTEX ENHANCES PLEASANT SCENE AND FACE PROCESSING

MARKUS JUNGHÖFER (UNIVERSITY OF MÜNSTER, GERMANY): EMOTIONAL PICTURE PROCESSING IN MAJOR DEPRESSION BEFORE AND AFTER SUCCESSFUL TREATMENT: MAGNETOENCEPHALOGRAPHIC CORRELATES

TOMASZ LIGEZA (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): HOW MUCH REAPPRAISAL IS IN REAPPRAISAL? THE ROLE OF UNSPECIFIC FACTORS IN ATTENUATING EMOTIONAL RESPONSE

AGNIESZKA ADAMCZYK (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): UNINSTRUCTED EMOTIONAL REGULATION: IMPLICIT REAPPRAISAL ATTENUATES EMOTIONAL PROCESSING

11:00 – 12:30

12:30 – 13:15

LUNCH

13:15 – 14:30

EXHIBITION ROOM

POSTER SESSION III

ORAL SESSIONS:

LARGE AULA A

NEUROPATHOLOGY

CHAIRER BY: DAGMAR EHRNHÖFER (BIOMED X INNOVATION CENTER, HEIDELBERG, GERMANY)

DAGMAR EHRNHÖFER (BIOMED X INNOVATION CENTER, GERMANY): MODELING ALZHEIMER'S DISEASE-RELATED TAU PATHOLOGY – FROM HUMAN BRAIN DYSFUNCTION TO IN VITRO MODELS AND BACK AGAIN

ANNIKA BEHRENDT (BIOMED X INNOVATION CENTER, GERMANY): ASPARAGINE ENDOPEPTIDASE CLEAVES TAU AT A NOVEL CLEAVAGE SITE IN VIVO

MACIEJ WINIARSKI (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): ULTRASTRUCTURAL RESCUE EFFECTS OF MATRIX METALLOPROTEINASE 9 INHIBITION IN FRAGILE X SYNDROME MOUSE MODEL

DENNIS VAN DER MEER (NORWEGIAN CENTRE OF MENTAL DISORDERS RESEARCH, UNIVERSITY OF OSLO, NORWAY): GENETIC ARCHITECTURE OF HIPPOCAMPAL SUBFIELD VOLUMES: SHARED AND SPECIFIC INFLUENCES

MEDIUM AULA A

MOTIVATIONAL NEUROSCIENCE

CHAIRER BY: MAREK WYPYCH (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND)

MAREK WYPYCH (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): ATTENUATED BRAIN ACTIVITY DURING ERROR PROCESSING AND PUNISHMENT ANTICIPATION IN PROCRASTINATION – MONETARY GO/NO-GO fMRI STUDY

BERTILLE SOMON (ONERA THE FRENCH AEROSPACE LAB, FRANCE): OUT-OF-THE-LOOP PILOTS: STUDY OF AN APPLIED PHENOMENON THROUGH PERFORMANCE-MONITORING EEG MEASURES

MAGDALENA MATYJEK (BERLIN SCHOOL OF MIND AND BRAIN, HUMBOLDT UNIVERSITY OF BERLIN, GERMANY): THE ROLE OF AUTISTIC TRAITS IN REWARD ANTICIPATION

MICHAŁ SZCZEPANIK (NENCKI INSTITUTE OF EXPERIMENTAL BIOLOGY, WARSAW, POLAND): OBSERVATIONAL FEAR LEARNING IN HUMANS – TOWARD GREATER ECOLOGICAL VALIDITY

RASHMI GUPTA (INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY, INDIA): LEARNED-PREDICTIVENESS BUT NOT VALENCE MODULATES UNCONSCIOUS NEURAL ACTIVITY IN EARLY VISUAL CORTEX

14:30–16:00

MEDIUM AULA B

CORTICAL PLASTICITY AND REORGANISATION

CHAired BY: KATARZYNA CIEŚLA (WORLD HEARING CENTER, WARSAW/KAJETANY, POLAND)

KATARZYNA CIEŚLA (WORLD HEARING CENTER, WARSAW/KAJETANY, POLAND): TONOTOPIC ORGANISATION OF AUDITORY CORTEX IN SENSORINEURAL HEARING LOSS

MAKSYMILIAN KORCZYK (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): AUDITORY CORTEX RECRUITMENT FOR VISUAL RHYTHMS IN MUSICIANS

ŁUKASZ BOLA (JAGIELLONIAN UNIVERSITY IN KRAKOW, POLAND): FUNCTIONAL HIERARCHY FOR TACTILE PROCESSING IN THE VISUAL CORTEX OF SIGHTED BRAILLE READERS

MATHIAS VALSTAD (NORWEGIAN CENTRE FOR MENTAL DISORDERS RESEARCH, UNIVERSITY OF OSLO, NORWAY): VISUAL EVOKED POTENTIAL PLASTICITY AND GAMMA POWER IN THE EEG OF HEALTHY PARTICIPANTS

16:00–17:00

LARGE AULA A

CLOSING LECTURE:

AMIR AMEDI (HEBREW UNIVERSITY OF JERUSALEM, ISRAEL):

HOW EXPERIENCE SHAPES BRAIN SPECIALIZATIONS

17:00

LARGE AULA A

CLOSING REMARKS

(WITH AWARDS FOR THE BEST ORAL AND POSTER PRESENTATIONS)