Pre-Final Program

21st Multidisciplinary International Neuroscience and Biological Psychiatry Conference
“Stress and Behavior”
ISBS Conference

St-Petersburg, Russia
May 16-19, 2014
IN PARTNERSHIP WITH:

The Russian Society for BioPsychiatry (RSBP)
The Ukrainian Society for Biological Psychiatry (USBP)
Journal BRAIN, BEHAVIOR AND IMMUNITY
Journal STRESS, BRAIN AND BEHAVIOR
The International Zebrafish Neuroscience Research Consortium (ZNRC)
Day 1. Fri, May 16, 2014

Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

09.00-18.00 Conference registration

Morning session

10.00-10.20 OPENING CEREMONY AND WELCOMING ADDRESSES. A Kalueff (Conference Chair and ISBS President), V Klimenko (Program Committee Chair)

10.20-11.00 OPENING PLENARY LECTURE: HS Shin, IBS, Seoul, Korea

11.00-11.40 SPECIAL ISBS LECTURE: GENETIC DISRUPTION OF THE STRESS AXIS CAUSES A DEPRESSION-LIKE DISORDER IN ZEBRAFISH: FROM GENETIC TO CHEMICAL SCREENS IN A SMALL VERTEBRATE. H Baier, Max Planck Institute of Neurobiology, Munich, Germany

11.40-12.10 ISBS LECTURE: LINGUISTIC ANALYSIS OF PRE-COMPETITION INTERVIEWS REVEAL ANXIETY STATES AND PREDICT THE OUTCOME OF PROFESSIONAL BOXING BOUTS. J Warnick (ISBS Fellow), Arkansas Tech University, Russellville, AR, USA

12.10-13.00 DATA PUBLISHING: C Buske, Springer, London, UK

13.00-14.00 Lunch Break

Afternoon session

14.00-16.30 SYMPOSIUM I. ADVANCES IN MONOAMINERGIC NEUROTRANSMISSION. Chair: R Gainetdinov (Italy, Russia), presentations 30 min

- THE ROLE OF DIFFERENT DOPAMINE RELEASE PATTERNS IN ALCOHOL DRINKING BEHAVIORS. EA Budygin (ISBS Fellow), Wake Forest School of Medicine, Winston-Salem, NC, USA

- BEYOND THE DOPAMINE TRANSPORTER: DISCOVERING A NEW AMPHETAMINE TARGET. BD Safratowich, M Hossain, C Lor and L Carvelli, Department of Pharmacology, Physiology and Therapeutics, University of North Dakota School of Medicine and Health Sciences, Grand Forks, ND, USA


- HUMAN TRYPTOPHAN HYDROXYLASE-2 LOSS OF FUNCTION MUTATION INDUCES COGNITIVE DEFICITS IN MICE. JM Beaulieu, Canadian Research Chair in Molecular Psychiatry, CRULRG, Laval University, Québec, Canada

16.00-16.15 Coffee break

- CHRONIC SSRI TREATMENT EXACERBATES SEROTONIN DEFICIENCY IN HUMANIZED TPH2 MUTANT MICE. Siesser WB, Sachs BD, Ramsey AJ, Sotnikova TD, Beaulieu JM, Zhang X, Caron MG and Gainetdinov RR (ISBS Fellow), Department of Neuroscience and Brain Technologies, Italian Institute of Technology, Genova, Italy
16.45-17.25  PRESENTATION: TSE
17.25-18.10  PRESENTATION: SALIMETRICS

SOCIAL EVENTS
18.10-18.50  Welcoming Reception (sponsored by ISBS and SPRINGER)
             Induction of ISBS Fellows
19.00-22.00  City Tour (admissions)

Day 2. Sat, May 17, 2014

Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia
9.00-18.00  Conference registration

Morning session
09.00-09.20  USE OF ANTIDEPRESSANTS AND POSTMENOPAUSAL BONE LOSS?– A 5-YEAR
             LONGITUDINAL STUDY FROM THE OSTPRE COHORT. PH Rauma, H-TJ Koivumaa-
             Honkanen, LJ Williams and RJ Honkanen, BCRU, Clinical Research Center, School of Health
             Sciences, University of Eastern Finland, Kuopio University Hospital, Finland; School of
             Medicine, Deakin University, Geelong, The University of Melbourne, Parkville, Australia
09.20-09.40  ANXIOLYTIC EFFECTS OF ENVIRONMENTAL ENRICHMENT ARE MEDIATED VIA
             HIPPOCAMPAL NEUROPEPTIDE Y. F Reichmann, E Painsipp, C Tam-Amersdorfer, A
             Kresse, H Herzog and P Holzer, Medical University of Graz, Graz, Austria; Garvan Institute of
             Medical Research, Sidney, Australia
09.40-10.00  PSYCHONEUROIMMUNOLOGY OF ADDICTION. TI Nevidimova, EI Batukhtina, NA
             Bokhan, Mental Health Research Institute, Tomsk, Russia
10.00-12.20  SYMPOSIUM II. THE ROLE OF IMMUNE CELLS IN NEURAL AND
             NEURODEVELOPMENTAL DISORDERS.
             Chairs: J Kipnis, KW Kelley (USA), presentations 30 min
             •  NEUROINFLAMMATION, DEPRESSION AND AGING. KW Kelley and RM McCusker,
                Laboratory of Immunophysiology, University of Illinois at Urbana-Champaign, IL, USA
             •  THE ROLE OF MICROGLIA AND PERIPHERAL MACROPHAGES IN
                NEURODEVELOPMENTAL DISORDERS: LESSONS FROM RETT SYNDROME. J Kipnis,
                University of Virginia Medical School, Charlottesville, VA, USA
11.00-11.20  Coffee break
             •  THE ROLE OF IMMUNE SYSTEM ON BRAIN FUNCTION. AJ Filiano and J Kipnis,
                University of Virginia Medical School, Charlottesville, VA, USA
             •  THE ROLE OF MICROGLIA IN STRESS-INDUCED DEPRESSION. R Yirmiya, Department
                of Psychology, The Hebrew University of Jerusalem, Jerusalem, Israel
12.20-13.00  JOURNAL PRESENTATION: BRAIN, BEHAVIOR AND IMMUNITY. KW Kelley, Editor-in-
             Chief, USA
13.00-14.00  Lunch Break

Afternoon session

14.00-14.30  EFFECTS OF THOUGHT SUPPRESSION ON CONSUMPTIVE BEHAVIOUR. JAK Erskine, GJ Georgiou and L Kvavilashvili, St George’s, University of London, London, University of Hertfordshire, UK

14.30-16.30  SYMPOSIUM III. IMMUNE AND INFECTIOUS FACTORS IN PSYCHIATRIC DISEASE
Chair: M Pletnikov (Johns Hopkins University, Baltimore, USA), presentations 30 min

- MULTIPLE ANTIBODIES TO INFECTIOUS AGENTS AND FOOD ANTIGENS, AND PROTEIN MARKERS OF INFLAMMATION IN WELL-CHARACTERIZED COHORTS OF INDIVIDUALS WITH SCHIZOPHRENIA, BIPOLAR DISORDER, AND NON-PSYCHIATRIC CONTROLS. F Dickerson, Sheppard Pratt Hospital, Baltimore, MD, USA

- THE ROLE OF INFECTIOUS AGENTS AND THE MICROBIOME IN THE TARGET PSYCHIATRIC DISORDERS. R Yolken, Johns Hopkins University, Baltimore, MD, USA

- INFLUENCE OF MATERNAL IMMUNE REACTIVITY TOWARDS INFECTIOUS AND DIETARY ANTIGENS ON NEONATAL ACUTE PHASE PROTEINS – INTERACTIONS WITH A FUTURE DIAGNOSIS OF NON-AFFECTIVE PSYCHOSIS. A Blomstrom, R Gardner, S Wicks, RH Yolken, C Dalman and H Karlsson, Karolinska Institute, Stockholm, Sweden

- INFECTIOUS AND IMMUNE FACTORS IN PSYCHIATRIC DISEASE: DIRECT VS. INDIRECT MECHANISMS. G Kannan and M Pletnikov, School of Medicine, Johns Hopkins University, Baltimore, MD, USA

16.30-16.50  Coffee break

16.50-17.30  PRESENTATION: NEUROBOTICS Trading (Russia)

17.30-18.00  ISBS JOURNAL PRESENTATION: STRESS, BRAIN AND BEHAVIOR. AV Kalueff, Editor-in-Chief, USA

SOCIAL EVENT

20.00-22.00 Neva River and Canals Boat Trip (admissions)
Day 3. Sun, May 18, 2014

Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

9.00-18.00 Conference registration

Morning session

09.00-09.20 **REPRODUCIBILITY IN SCIENCE: HOW VIDEO JOURNALS INCREASE RESEARCH VALIDITY AND PRODUCTIVITY.** KM Henderson and A Diamond, JoVE, Journal of Visualized Experiments, Cambridge, MA, USA

09.20-11.45 **SYMPOSIUM IV: ZUKOWSKA SYMPOSIUM ON TRANSLATIONAL NEUROSCIENCE RESEARCH, Part I.**

**Chairs:** VM Kliimenko (Russia), A Kalueff (USA), presentations 20 min

- **ANTIPSYCHOTIC EFFECTS ON ALCOHOL PREFERENCE AND BEHAVIOR IN RATS WITH EXPERIMENTAL SCHIZOPHRENIA.** E Kutcher, A Egorov (ISBS Fellow), N Chernikova and M Dorofeikova, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, Medical School, St. Petersburg State University, Petersburg, Russia

- **STRESS REDUCTION IN BATTERED WOMEN USING A COMPUTERIZED BIOFEEDBACK PROGRAM: PHYSIOLOGICAL, PERCEPTUAL AND BEHAVIORAL EFFECTS.** LA Zuccarelli, ML Montminy-Danna, Salve Regina University, RI, USA

- **HIGH FIELD MAGNETIC RESONANCE IMAGING STUDY OF THE RELATIONSHIP BETWEEN HIPPOCAMPAL SUBFIELD VOLUMES, CORTISOL, AND MEMORY.** NV Malykhin, S Travis, Y Huang, N Coupland, K Hegadoren, P Silverstone, E Fujiwara, P Seres and R Carter, University of Alberta, Edmonton, Alberta, Canada

10.20-10.45 **Coffee break**

**ZUKOWSKA SYMPOSIUM ON TRANSLATIONAL NEUROSCIENCE RESEARCH, Part II**

**Chairs:** IE Yekimova, YuF Pastuhov (Russia), presentations 15 min

- **APPLICATION OF CONVENTIONAL AND ADVANCED IMAGING MODALITIES IN EVALUATION OF DEMENTIA.** D Kozic, J Ostojic, S Lucic, A Peter and J Konstantinovic, University of Novi Sad School of Medicine, Oncology Institute of Vojvodina, Sremksa Kamenica, Novi Sad, Serbia

- **IMMUNE REACTIVITY IN RATS WITH GENETIC PREDISPOSITION TO HIGH AND LOW AGGRESSIVENESS TOWARD HUMANS.** GV Idova, EL Alperina, IF Plyusnina, MM Gevorgyan, EN Zhukova, MYu Konoshenko, RV Kozhemyakina and DV Yuri’ev, State Research Institute of Physiology and Basic Medicine RAMS, State Research Institute of Cytology and Genetics RAS, Novosibirsk State University, Novosibirsk, Russia

- **IMINODIPROPIONITRILE-INDUCED BEHAVIORAL AND ORGANS TOXICITIES IN RATS.** HA Khan, AS Alhomida and KE Ibrahim, Department of Biochemistry, College of Science, King Saud University, Riyadh, Saudi Arabia

- **ADMINISTRATION OF PROBIOTIC ENTEROCOCCUS AMELIORATES EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS (EAE) IN RATS,** IN Abdurasulova, EN Tarasova, AV Matsulevich, EI Ermolenko, IV Kudrajvtsev, YL Zhitnukhin, VI Lioudyno and VM Kliimenko (ISBS Fellow), Institute for Experimental Medicine RAMS, St. Petersburg, Russia

- **EFFECTS OF STRESS AND ALCOHOL ON LEARNING OF CONDITIONED PLACE PREFERENCE OR AVERSION IN RAT PUPS.** VN Mukhin, IN Abdurasulova, A Matsulevitch
and VM Klimenko (ISBS Fellow), Institute of Experimental Medicine RAMS, St. Petersburg, Russia

- **DISCUSSION**

**12.00-13.00  ISBS WORKSHOP: COMBAT RELATED POST TRAUMATIC STRESS DISORDER - A HOLISTIC APPROACH.** TD Osborn, Kaganin No Senshi Aikido, Holyoke, MA, USA

**13.00-14.00  Lunch Break**

**Afternoon session**

**14.00-16.00  SYMPOSIUM V: LAPIN SYMPOSIUM ON EXPERIMENTAL MODELS IN BRAIN RESEARCH.**
  Chairs: A Yegorov, I Ekimova (Russia), A Kalueff (USA), presentations 15 min

- **DOWN-REGULATION OF GH1 IN DEPRRESIVE-LIKE BEHAVIORAL RAT.** Y Yamamoto, A Shiba, T Ito, T Ueyama and Y Tsuruo, Wakayama Medical University School of Medicine, Wakayama, Japan

- **AGE-RELATED AND INDIVIDUAL FEATURES OF VASOPRESSINERGIC REGULATION OF THE HYPOTHALAMIC-PITUITARY-ADRENAL AXIS IN NONHUMAN PRIMATES.** ND Goncharova, Research Institute of Medical Primatology RAMS, Sochi, Russia

- **TBA.** TN Sollertinskaya (ISBS Fellow), Sechenov Institute of Evolutionary Physiology and Biochemistry, St. Petersburg, Russia

- **IMMUNE-STRESS INTERACTIONS IN THE DEVELOPMENT OF ENVIRONMENTALLY DRIVEN PSYCHOPATHOLOGY.** S Giovanoli and U Meyer, ETH Zurich, Zurich, Switzerland

- **DISTURBANCES OF BIOLOGICAL RHYTHMS IN A RAT CHRONIC MILD STRESS ANIMAL MODEL OF DEPRESSION.** SL Christiansen, K Hojgaard, O Wiborg, J Fahrenkrug and EV Bouzinova, Institute for Clinical Medicine, Aarhus University, Aarhus , Department of Clinical Biochemistry, Bispebjerg Hospital, Denmark

- **WEAK STATIC MAGNETIC FIELD AS A NEW TYPE OF STRESS AND ITS EFFECTS ON COGNITION.** EV Savvateeva-Popova, MS Kurochkina, SV Surma, BF Shchegolev, MB Evgen’ev, OA Zatsepina and EA Nikitina, Pavlov Institute of Physiology RAS, Herzen State Pedagogical University, St. Petersburg, Engelhardt Institute of Molecular Biology RAS, Moscow, Russia

- **THE OPTIMAL ACTIVITY OF CASPASE-3 IN BRAIN TISSUE IS ESSENTIAL FOR EARLY CORTICAL DEVELOPMENT IN RAT PUPS, EXPOSED TO PRENATAL STRESS.** DS Vasilev, NL Tumanova, NM Dubrovskaya, IA Zhuravin, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

- **THE NITRIC OXIDE INVOLVEMENT IN ALUMINIUM NEUROTOXICITY.** A Jelenkovic, MD Jovanovic, ID Stevanovic, D Bokonjic and N Petronijevic, University of Belgrade, Institute for Biological Research "Siniša Stanković", Military Medical Academy, Institute for Medical Research, University of Defense, National Poison Control Centre, University of Belgrade, School of Medicine, Institute of Medical and Clinical Biochemistry, Belgrade, Republic of Serbia

**16.10-16.25  Coffee break**
16.25-18.00 GUIDED POSTER SESSION: Posters are on display for the whole day; presenters should be available for mini-presentations (10 min) and questions during the poster session. Moderators will be guiding delegates through the posters.

- NOVELTY STRESS, ODOR AND SOUND DIFFERENTLY AFFECT INSECT GROOMING. MI Zhukovskaya, AM Lunichkin and AN Knyazev, Sechenov Institute of Evolutionary Physiology and Biochemistry, St. Petersburg, Russia

- CONNECTION OF EMOTIONAL INTELLIGENCE AND STUDENTS’ ADJUSTMENT TO STRESSFUL CONDITIONS OF NEW METHOD OF EDUCATIONAL SUCCESS ASSESSMENT. ES Dmitrieva, VYa Gelman, KA Zaitseva and AM Orlov, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

- EFFECT OF 17β-AMINOESTROGENS IN ANXIETY AND DEPRESSION MODELS OF OVARIECTOMIZED RATS. C Lemini, B Cruz-Lopez, E Garcia-Albor and L Martinez-Mota, Medical School, Universidad Nacional Autonoma de Mexico, Instituto Nacional de Psiquiatria Ramon de la Fuente Muniz, Mexico, Mexico

- MICROANATOMICAL AND TOPOGRAPHICAL INVESTIGATION OF THE COMMON PERONEAL NERVE (FIBULAR) IN HUMAN FETUS. D Akin, MT Yilmaz, AD Kabakci Aydin, M Buyukmumcu and AE Cicekibasi, Necmettin Erbakan University, Meram School of Medicine, Konya, Turkey

- EFFECTS OF BIOACOUSTICS ON COGNITIVE BEHAVIOR OF INTACT AND STRESSED RATS. NK Apraksina, TV Avaliani, KV Konstantinov and SG Tsikunov, Institute of Experimental Medicine RAMS, St. Petersburg, Russia

- EARLY BEHAVIORAL AND BIOCHEMICAL EFFECTS OF UNILATERAL ADMINISTRATION OF LACTACYSTIN INTO THE RAT SUBSTANTIA NIGRA. J Konieczny, T Lenda and A Czarnecka, Institute of Pharmacology PAS, Krakow, Poland

- ANATOMIC COURSE OF SURAL NERVE IN HUMAN FETUSES. AD Aydin Kabakci, M Buyukmumcu, D Akin, MT Yilmaz and M Seker, Necmettin Erbakan University, Meram School of Medicine, Konya, Turkey

- CREATIVITY AS REFLECTION OF NERVOUS REGULATION UNDERLYING ADAPTIVE REACTION ON HYPOXIC STRESS. OM Razumnikova, LT Kovtun and SG Krivoshchekov, Research Institute of Physiology and Fundamental Medicine RAMS, Novosibirsk, Russia

- PSYCHOPATHOLOGY, TEMPERAMENT AND ATTACHMENT STYLES OF PARENTS WHOSE CHILDREN AND ADOLESCENTS HAVE BEEN SEXUALLY ABUSED. A Yenel, FSM Research and Training Hospital, Istanbul, Turkey

- ARIPIPRAZOLE REDUCES PALIPERIDONE INDUCED HIPERPROLACTINEMIA: A CASE REPORT. D Sarikaya Varlik and C Varlik, Bakirkoy Mazhar Osman Mental Health and Neurological Diseases Education and Research Hospital, Istanbul, Turkey

- CASE OF SCHIZOPHRENIA LIVING IN THE HOUSE OF GARBAGE: COMMUNITY MENTAL HEALTH CARE PROJECT. C Varlik and D Sarikaya Varlik, Bakirkoy Mazhar Osman Mental Health and Neurological Diseases Education and Research Hospital, Istanbul, Turkey

- SCARCE CASE REPORT: A CONVERSIONAL PSEUDO-PARALYSIS CASE COMORBID WITH PTSD. Y. Y Fakour, M Momtaz Bakhsh and M Saberi, Ministry of Health of Iran, Tehran, Iran

- DEPRESSION, SELF-ESTEEM AND LIFE SATISFACTION IN PATIENTS WITH SCHIZOPHRENIA. NA Charfi, DO Trigui, JI Ben Thabet, SA Ellouze, NA Zouari, LO Zouari and MO Maalej, Psychiatry C Department, Hedi Chaker University Hospital, Sfax, Tunisia
• EPIDEMIOLOGICAL IMPACT OF THE TUNISIEN REVOLUTION ON THE POST-TRAUMATIC STRESS DISORDER. JB Thabet, M Maalej, S Yaich, S Ellouze, N Charfi, L Zouari, N Zouari, J Damak and M Maalej, Psychiatry C Department, Hedi Chaker University Hospital, Sfax, Tunisia

• PSYCHOPATHOLOGICAL DISORDERS IN A POPULATION OF SCHOOL AND UNIVERSITY STUDENTS THROUGH A PSYCHIATRIC CONSULTATION. R Masmoudi, N Halouani, M Ben Elkaroui, F Smaoui, G Mtibaa, J Aloulou and O Amami, Psychiatry Service B, Hedi Chaker University Hospital, Sfax, Tunisia

• PREVALENCE AND CLINICAL ASPECTS OF THE CAREGIVER BURNOUT: A TUNISIAN STUDY. J Aloulou, F Smaoui, N Halouani, R Masmoudi, M Ben B Elkaroui, F Masmoudi, O Amami, Psychiatry B Department, Hedi Chaker University Hospital, Sfax, Tunisia

• THYMIC HORMONE THYMULINE ACCELERATES CONDITIONED MEMORY FORMATION FOLLOWING THYMECTOMY. AV Novoseletskaya, NM Kiseleva, AN Inozemtsev, IV Zimin, VYa Arion, Lomonosov Moscow State University, Pirogov Russian National Medical University, Research Institute of Physical-Chemical Medicine, Moscow, Russia

• HYPERACTIVITY, LEARNING DEFICIT AND ALTERATIONS IN THE BRAIN IN MICE LACKING THE DNA METHYLATION-DEPENDENT TRANSCRIPTIONAL REPRESSOR KAIOSO. VS Shumskaya, AS Sokolov, NA Zhigalova, AV Kulikov and EB Prokhortchouk, Centre "Bioengineering" RAS, Moscow, Russia

• EFFECTS OF IMMOBILIZATION AND DIFFERENT TYPES OF RADIATION ON BEHAVIOR OF RATS IN THE OPEN FIELD TEST. EM Kadukova, DG Stashkevich, MA Bakshaeva, FI Kutz, AD Naumov, Institute of Radiobiology NAS, Gomel, Belarus

• IMPROVING DEMENTIA CARE USING EARLY COUNSELING AND SUPPORT FOR CAREGIVERS (DEM-CAREGIVER TRIAL). A Montedori, N Vancore, R Chattat, G Giovannini, P Iannizzi, A Trequattrini, M Maiotti, G Morini, S Amici, Italy

• OREXINS INDUCE ANALGESIA VIA THE ENDOCANNABINOIDS-CB1R SIGNALING IN THE PERIAQUEDUCTAL GRAY: A MECHANISM CONTRIBUTING TO STRESS-INDUCED ANALGESIA. HJ Lee, LY Chang and LC Chiou, Graduate Institute of Pharmacology, Department of Pharmacology and Graduate Institute of Brain and Mind, College of Medicine, National Taiwan University, Taipei, Taiwan

• STRESS-INDUCED COCAINE SEEKING: OREXIN-INDUCED ENDOCANNABINOIDS RETROGRADE DISINHIBITION IN THE VENTRAL TEGMENTAL AREA. L-W Tung and L-C Chiou, Graduate Institute and Department of Pharmacology, Graduate Institute of Brain and Mind Sciences, College of Medicine, National Taiwan University, Taipei, Taiwan

SOCIAL EVENT

20.00-22.00 Conference Dinner (admissions)
Day 4. Mon, May 19, 2014

Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

9.00-11.00 Conference registration

Morning session

9.30-10.00 ISBS SPECIAL LECTURE: ZEBRAFISH MODELS – FROM TANK TO BEDSIDE. AV Kalueff (ISBS Fellow), AM Stewart, ZENEREI Institute, New Orleans, LA, University of Pittsburgh, Pittsburgh, PA, USA

10.00-10.30 ZNRC LECTURE: THE DEVELOPMENTAL AND BEHAVIOURAL FUNCTION OF ENDOTHELINS IN THE ZEBRAFISH BRAIN. W Norton, Department of Biology, University of Leicester, Leicester, UK

10.30-10.50 THE EFFECT OF LED LIGHT SPECTRA ON ANTIOXIDANT SYSTEM BY THERMAL STRESS IN GOLDFISH, CARASSIUS AURATUS. NN Kim, YJ Choi, JY Choi, CY Choi, Korea Maritime and Ocean University, Busan, Korea

10.50-11.05 THE RELATIONSHIP WITH GONADOTROPIN INHIBITORY HORMONE (GNIH) AND THE GENES RELATED WITH REPRODUCTION BY VARIOUS LED LIGHT SPECTRA IN GOLDFISH, CARASSIUS AURATUS. HS Shin, NN Kim, YJ Choi, CY Choi, Korea Maritime and Ocean University, Busan, Korea.

11.30-12.00 Coffee Break

Afternoon session

12.00-14.20 SYMPOSIUM VI: CLINICAL PSYCHIATRY AND PSYCHOLOGY. Chair: VM Klimenko (Russia), presentations 20min

• PAC1 GENE VARIABILITY, TEMPERAMENTAL TRAITS AND BRAIN ACTIVATION DURING SOCIAL STRESS. W Dragan, A Marchewka, P Czerski, J Pruessner, School of Psychology, University of Warsaw; Laboratory of Brain Imaging, Nencki Institute of Experimental Biology, Warsaw; Laboratory of Psychiatric Genetics, Poznan University of Medical Sciences, Poznan, Poland; McGill Centre for Studies in Aging, Douglas Mental Health University Institute, Montreal, Canada

• IMPACT OF HIERARCHICAL RANK ON COOPERATIVE BEHAVIOUR AND PHYSIOLOGICAL STRESS REACTIONS IN SOLDIERS. B Siart and B Wallner, Department of Anthropology, University of Vienna, Vienna, Austria

• ENVIRONMENTAL FACTORS AND ANXIETY-RELATED PERSONALITY TRAITS: THE MODIFYING EFFECT ON NEUROTROPHIC FACTOR AND NEUREXIN FAMILY GENES. A Kazantseva, Yu Kutlumbetova, S Malykh, T Traks, S Koks and E Khusnutdinova, Institute of Biochemistry and Genetics, Ufa Scientific Center RAS, Bashkir State University, Ufa, Russia; Psychological Institute RAS, Moscow, Russia; Department of Physiology, Department of Pathophysiology, University of Tartu, Tartu, Estonia

• COMPLIANCE EFFECTS OF BREATHING MEDITATION PROGRAM ON EEG STRESS QUOTIENT. DK Kim, EM Kim and SW Kang, Data Center for Korean EEG, College of Nursing, Seoul National University, Seoul University of Buddhism, Seoul, Korea
• DISABILITY AND ANXIETY-DEPRESSIVE STATES IN PATIENTS WITH CORONER ARTERY DISEASE. A Yenel, Sunbul M, Sunbul E, FSM Research and Training Hospital, Istanbul, Turkey

• DEPRESSION AND IDIOPATHIC NORMAL PRESSURE HYDROCEPHALUS (iNPH): A CASE REPORT. V Rutkauskas and I Kazlauskaite, Republican Vilnius Psychiatric Hospital, Vilnius University School of Medicine, Vilnius, Lithuania

• EMOTIONAL REACTIONS OF THE HIGH SCHOOL STUDENT’S WITH DIFFERENT ACADEMIC SUCCESS. El Nikolaeva and EG Vergunov, Herzen State Pedagogical University, St. Petersburg State Transport University, St. Petersburg, Russia

14.20-14.40 THE EVALUATION OF SUPERIOR LONGITUDINAL FASCICULUS WITH DIFFUSION TENSOR IMAGING (TRACTOGRAPHY). D Kiresi, H Ozbiner, C Simsek, AD Aydin Kabakci, D Akin and M Buyukmumcu, Necmettin Erbakan University, Meram Medicine School, Konya, Turkey

14.40-15.00 CLOSING CEREMONY. ANNOUNCING THE 2015 ISBS “STRESS AND BEHAVIOR” CONFERENCES AND SYMPOSIA

15.00-16.40 ISBS Executive Council Meeting (2nd floor Board Meeting room)

SATELLITE EVENT

12.00-17.00 SATELLITE ISBS/ZNRC SYMPOSIUM: ZEBRAFISH NEUROBEHAVIORAL AND NEUROPHENOTYPING WORKSHOP ZB2N-2014 (registrations are required) 2nd floor Board Meeting room

SOCIAL EVENT

19.00-22.00 Theatre (admissions)

POST-CONFERENCE EVENTS

Tue, May 20, 2014
Institute of Experimental Medicine (12 Pavlov Street, St-Petersburg)

10.00-15.00 Visit to Pavlov Department of Physiology of the Institute of Experimental Medicine: bus to IEM leaves at 10.00 sharp from main entrance of Oktiabrskaia Hotel, and will return to Hotel by 15.00 (FREE for all delegates, but registration required)

SOCIAL EVENT

10.00-16.00 Suburban Royal Palace Tour (admissions)

ISBS Fellows: Dr. Evgeniy Budygin (USA), Dr. David Echevarria (USA), Dr. Alexey Egorov (Russia), Dr. Irina Ekimova (Russia), Dr. Raul Gaintedinov (Italian Institute of Technology, Italy), Dr. Allan V. Kalueff (ZENEREI Institute, USA), Dr. Viktor Klimenko (Institute of Experimental Medicine, Russia), Dr. Mamiko Koshiba (Tokyo University of Agriculture and Technology, Japan), Dr. Shun Nakamura (Tokyo University of Agriculture and Technology, Japan), Dr. Tatyana Nevidimova (Mental Health Institute, Russia), Dr. Yuriy Pastuhov (Sechenov Institute, Russia), Dr. Tatyana Sollertinskaya (Sechenov Institute, Russia), Dr. Jason Warnick (Arkansas Tech University, USA)
THE INTERNATIONAL “STRESS AND BEHAVIOR” SOCIETY (ISBS)
Established in 2007
President: Allan V. Kalueff, PhD (2013-2015)
Vice-President: Viktor M. Klimenko, MD, PhD (2013-2015)

ISBS is the international society of experts working with in the field of clinical and translational neuroscience, neurobehavioral sciences, biopsychology and biopsychiatry, with a particular focus on stress, stress-related neurobehavioral phenotypes, their neural, molecular and genetic mechanisms, as well as stress-evoked neuropsychiatric disorders. Anyone with an interest in stress-related human or animal behaviors, neurobehavioral disorders and their mechanisms, wishing to join the International Stress and Behavior Society can do so by paying dues of $100.00 regular member or $60.00 student member for a three-year term. Payment can be made following sending the e-mail form and payment request to the ISBS Secretariat at info@stressandbehavior.com.

Please join our future 2014-2015 ISBS conferences

4th International Regional Neuroscience and Biological Psychiatry Conference
"STRESS AND BEHAVIOR"
(North America)
June 22-24, 2014, New Orleans, LA, USA

Caribbean Biomedical Research Days
CBRD 2015
January 16-18, 2015, Rodney Bay, St. Lucia

22nd International Neuroscience and Biological Psychiatry Conference
"STRESS AND BEHAVIOR"
May 16-19, 2015, St. Petersburg, Russia

5th International Regional Neuroscience and Biological Psychiatry Conference
"STRESS AND BEHAVIOR"
(North America)
June 22-24, 2015, Miami, FL, USA

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