

THE INTERNATIONAL “STRESS AND BEHAVIOR” SOCIETY (ISBS)

Pre-Final Program

International Neuroscience and BioPsychiatry
ISBS Conference

“Neuroscience of Stress”



*Rio de Janeiro, Brazil
December 1-3, 2016*

Day 1. Thursday, December 1, 2016

Windsor Excelsior Hotel, Av. Atlântica, 1800, Copacabana, Rio de Janeiro, Brazil

09.00-17.00 REGISTRATION

Morning session

10.00-10.15 ISBS OPENING CEREMONY AND WELCOMING ADDRESSES

10.15-11.00 LECTURE 1: PERSONALITY CHARACTERISTICS OF ELITE EXTREME ATHLETES AND PSYCHOPATHIC OFFENDERS. E Monasterio, University of Otago, Christchurch School of Medicine, Christchurch, New Zealand

11.00-11.35 LECTURE 2: ANTIPSYCHOTICS-INDUCED METABOLIC ALTERATIONS: A STUDY TOWARDS DEVELOPING A NEW PROPHYLACTIC INTERVENTION. LE Rojo, A del Campo, K Cubillos-Robles, PA Gaspar, DK Vélez, E Pastene, Departamento de Biología, Facultad de Química y Biología, Universidad de Santiago de Chile, Santiago, Translational Psychiatry Laboratory, Clínica Psiquiátrica Universitaria, Hospital Clínico Universidad de Chile, Santiago, Facultad de Farmacia, Universidad de Concepción, Centro Estudios Moleculares de la Celula (CEMC), Fac. Cs. Qcas. y Farmaceuticas, Facultad Medicina, Universidad de Chile, Chile

11.35-12.00 COFFEE BREAK

Afternoon session

12.00-17.40 THE JOHN FENTRESS ISBS SYMPOSIUM ON BEHAVIORAL NEUROSCIENCE: FOCUS ON SELF-GROOMING
Chairs: N Garcia-Cairasco, C Estanislau (Brazil), AV Kalueff (China, Russia, USA)

12.00-12.10 INTRODUCTION: PROFESSOR JOHN H. FENTRESS

12.10-12.50 LECTURE 3: NEUROBIOLOGY OF RODENT SELF-GROOMING IN STRESS. AV Kalueff, DA Meshalkina, St. Petersburg State University, St. Petersburg, Ural Federal University, Ekaterinburg, Russia; Research Institute for Marine Drugs and Nutrition, College of Food Science and Technology, Guangdong Ocean University, Zhanjiang, China; ZENEREI Research Center, New Orleans, LA, USA

12.50-13.30 HOW DOES RAT GROOMING BEHAVIOR INTERPLAY WITH ANXIETY AND STRESS IN BEHAVIORAL TESTS? C Estanislau, State University of Londrina, Londrina, Brazil

13.30-14.30 LUNCH BREAK (FREE TIME)

14.30-15.00 NEUROPHARMACOLOGY OF GROOMING. HMT Barros, F Almeida, M Nin, Universidade Federal de Ciências da Saúde de Porto Alegre, Porto Alegre, Brazil

15.00-15.25 INFLUENCE OF SEX AND AGE ON ANIMAL MODELS OF ANXIETY WITH A SPECIAL FOCUS ON THE RAT GROOMING BEHAVIOR. GB Filgueiras, R Klein, AV Lima, B Santos, C Estanislau, EG Moreira, State University of Londrina, Londrina, Brazil

15.25-15.50 RELATIONSHIP BETWEEN SLEEP AND SELF-GROOMING. ML Andersen, Department of Psychobiology, Universidade Federal de São Paulo, São Paulo, Brazil

15.50-16.15 SELF-GROOMING AS A RELIABLE MEASURE OF SLEEP DEPRIVATION-INDUCED ANXIOWEAKENING. GN Pires, Department of Psychobiology, Universidade Federal de São Paulo, São Paulo, Brazil

16.15-16.40 COFFEE BREAK

16.40-17.10 LECTURE 4: COMPULSIVE GROOMING INDUCED BY MICROINJECTION OF OXYTOCIN IN AMYGDALA. N Garcia-Cairasco, SS Marroni, Ribeirão Preto School of Medicine, University of São Paulo, São Paulo, Brazil

17.10-17.30 SOCIAL GROOMING IN HUMANS: A STUDY OF CORTICAL MOTOR REPRESENTATIONS FOR HAND-CARESSING MOVEMENTS. E Volchan, RR Campagnoli, L Krutman, CD Vargas, I Lobo, JM Oliveira, L Oliveira, MG Pereira, IA David, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Universidade Federal Fluminense, Niteroi, Brazil

17.30-17.40 GENERAL DISCUSSION AND CONCLUDING REMARKS

Day 2. Friday, December 2, 2016

Windsor Excelsior Hotel, Av. Atlântica, 1800, Copacabana, Rio de Janeiro, Brazil

09.30-17.00 REGISTRATION

Morning session

10.00-10.30 LECTURE 5: RACIAL DISCRIMINATION TRAJECTORIES, EDUCATION, AND TELOMERE LENGTH: FINDINGS FROM THE CORONARY ARTERY RISK DEVELOPMENT IN YOUNG ADULTS (CARDIA) STUDY. DH Chae, Y Wang, NB Slopen, T Yip, J Lin, GH Brody, NE Adler, E Puterman, KA Matthews, ES Epel

10.30-11.00 LECTURE 6: GRK2 PROTEIN AND mRNA MEASURES MAY PREDICT RESPONSE TO ANTIDEPRESSANT THERAPY IN PATIENTS WITH MDD S Avissar, M Golan, G Schreiber, Ben Gurion University, Beer Sheva, Barzilai Medical Centre, Ashkelon, Israel

11.00-13.30 LAPIN-ZUKOWSKA SYMPOSIUM ON BIOLOGICAL PSYCHIATRY

Chairs: AV Kalueff (Russia, China, USA), C Estanislau (Brazil)

11.00-11.10 INTRODUCTION: PROFESSORS IZYASLAV P. LAPIN AND ZOFIA M. ZUKOWSKA

11.10-11.40 PERSONALITY CHARACTERISTICS AND PHYSIOLOGIC STRESS RESPONSES IN EXTREME ATHLETES. E Monasterio, O Mei-Dan, T Hackney, R Cloninger, A Lane, I Zwir, S Rozsa, University of Otago, Christchurch School of Medicine, New Zealand; University of Colorado, University of North Carolina and Washington School of Medicine, USA

11.40-12.00 PECULIARITIES OF NEUROHUMORAL REGULATION AND STRESS IN ELDERLY AGE. SG Maximova, MB Maximov, OE Noyanzina, DA Omelchenko, AG Morkovkina, Altai State University, Barnaul, Russia

12.00-12.30 COFFEE BREAK

12.30-12.55 INVOLVEMENT OF GABA-A RECEPTOR IN THE ANTI-STRESS EFFECT OF *M. FRUTESCENS* AND *M. GRANDIFLORA* EXTRACTS IN THE WISTAR RAT. JF Rodríguez-Landa, J Cueto-Escobedo, A Flores-Aguilar, GU Rosas-Sánchez, MJ Roviroso- Hernández, M Carro-Juárez, F García-Orduña, Instituto de Neuroetología and Programa de Maestría en Neuroetología, Universidad Veracruzana Xalapa, Veracruz, Escuela de

12.55-13.20 MATERNAL PSYCHOLOGICAL STRESS INDUCED DEVELOPMENTAL DEFECTS AND BEHAVIORAL ALTERATIONS IN OFFSPRING'S OF WISTAR ALBINO RATS. S Govindaraj and R Rajan, Department of Physiology, Dr. ALM Post Graduate Institute of Basic Medical Sciences, University of Madras, Taramani campus, Chennai, India

13.20-13.30 CONCLUDING REMARKS

13.30-14.50 LUNCH BREAK (FREE TIME)

Afternoon session

14.50-16.00 INTERACTIVE POSTER SESSION

EFFECT OF ANXIETY ON THE MAINTENANCE OF POSTURAL STABILITY IN UPRIGHT STANCE OF PATIENTS WITH VESTIBULAR DYSFUNCTION. K Stambolieva and D Petrova, Department of Cognitive psychophysiology, Institute of Neurobiology BAS, Department of Neurology, National Multiprofile Transport Hospital "Tzar Boris III", Sofia, Bulgaria

SLEEP AND BEHAVIOR IN RATS DEPENDING ON SEX ASPECTS. ML Hoffman, DL Mkhitarian

RELATIONSHIP OF CRAVING SEVERITY WITH SEVERITY OF DISSOCIATIVE EXPERIENCES WHILE CONTROLLING THE STATE AND TRAIT ANXIETY IN A SAMPLE OF INPATIENTS WITH ALCOHOL USE DISORDER. C Evren, G Umut, B Evren, Research, Treatment and Training Center for Alcohol and Substance Dependence (AMATEM), Bakirkoy Training and Research Hospital for Psychiatry Neurology and Neurosurgery, Department of Psychiatry, Baltalimani State Hospital for Musculoskeletal Disorders, Istanbul, Turkey

RELATIONSHIP OF PTSD WITH IMPULSIVITY WHILE CONTROLLING THE EFFECT OF ANXIETY AND DEPRESSION IN A SAMPLE OF INPATIENTS WITH ALCOHOL USE DISORDER. C Evren, G Umut, B Evren, Research, Treatment and Training Center for Alcohol and Substance Dependence (AMATEM), Bakirkoy Training and Research Hospital for Psychiatry Neurology and Neurosurgery, Department of Psychiatry, Baltalimani State Hospital for Musculoskeletal Disorders, Istanbul, Turkey

16.00-16.30 COFFEE BREAK

16.30-17.30 ROUND TABLE: ETHICS IN BIOMEDICINE – CURRENT CHALLENGES

Day 3. Saturday, December 3, 2016

Windsor Excelsior Hotel, Av. Atlântica, 1800, Copacabana, Rio de Janeiro, Brazil

09.30-13.00 REGISTRATION

Morning session

10.00-12.00 ZNRC SYMPOSIUM ON AQUATIC MODELS OF BRAIN DISEASES
Chairs: AV Kalueff (China, Russia, USA), C Maximino (Brazil)

10.00-10.10 INTRODUCTION OF ZNRC

10.10-10.40 A META-ANALYSIS OF BUSPIRONE EFFECTS ON ZEBRAFISH ANXIETY-LIKE BEHAVIOR. C Maximino, MG Lima, Universidade Federal do Sul e Sudeste do Pará, Universidade do Estado do Pará, Marabá, Brazil

10.40-11.00 TBN. MG Lima, C Maximino, Universidade Federal do Sul e Sudeste do Pará, Universidade do Estado do Pará, Marabá, Brazil

11.00-11.25 BEHAVIORAL TESTS IN ZEBRAFISH (*DANIO RERIO*) FOR PHARMACOLOGICAL SCREENING OF ANXIOLYTIC SUBSTANCES. J Cueto-Escobedo, J Sarabia-Morales, JF Rodríguez-Landa, Instituto de Neuroetología, Universidad Veracruzana, Xalapa, Veracruz, México

11.25-12.00 AQUATIC RAVES, HIGHS AND ACID TRIPS: NOVEL INSIGHTS FROM ZEBRAFISH FOR HALLUCINOGENIC DRUG RESEARCH AND SUBSTANCE ABUSE. AV Kalueff, TO Kolesnikova, SL Khatsko, YuYu Morzherin, Ural Federal University, Ekaterinburg, Institute of Translational Medicine, St. Petersburg State University, St. Petersburg, Russia; Research Institute for Marine Drugs and Nutrition, College of Food Science and Technology, Guangdong Ocean University, Zhanjiang, China; ZENEREI Research Center and the International Zebrafish Neuroscience Research Consortium (ZNRC), New Orleans, LA, USA

12.00-12.20 COFFEE BREAK

12.20-12.40 ART MEETS NEUROSCIENCE: AN ARTIST'S PERSPECTIVE. D Raytchev, London, UK

12.40-13.00 CONCLUDING REMARKS AND CLOSING CEREMONY

ANNOUNCING FORTHCOMING ISBS CONFERENCES



THE INTERNATIONAL STRESS AND BEHAVIOR SOCIETY (ISBS)

Established in 2007

President: Allan V. Kalueff, PhD (2015-2017)

Vice-President: Victor M. Klimenko, MD, PhD (2015-2017)

ISBS Executive Office Coordinator: Nataliya A. Zinevych

www.stress-and-behavior.com

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ISBS is the international society of experts working with a wide range of topics in the field of 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 ISBS, can do so by paying dues. Payment can be made following sending the e-mail form and payment request to the ISBS Secretariat at info@stressandbehavior.com. Once the form and the payment have been received, you will receive a membership confirmation.

Membership:

Regular membership dues are \$100.00 for the period of three years, or \$60.00 for the period of one year. Student (undergraduate and graduate) membership dues are \$60.00 for the period of three years.

- Regular membership benefits include a \$50.00 discount for registration for any of the ISBS Conferences, symposia, workshops and summer schools.
- Student members will benefit from a \$25.00 discount for registration for any of the ISBS Conferences, symposia, workshops and summer schools.
- Membership cycle starts January 1st. ISBS Members benefit from reduced STRESS, BRAIN & BEHAVIOR journal subscription fees: \$70.00 (regular member), \$55.00 (student member).

ISBS Membership application form (please fill in and send by e-mail to the ISBS Secretariat at info@stressandbehavior.com, with the subject 'ISBS Membership request')

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THE INTERNATIONAL STRESS AND BEHAVIOR SOCIETY (ISBS)

Please join our 2016-2017 ISBS conferences:



9th ISBS Conference: Neurobiology of Mind and Body: Behavior, Stress, Brain Diseases, Immunity, Drugs and Nutrition
October 27-29, 2016, Zhanjiang, China



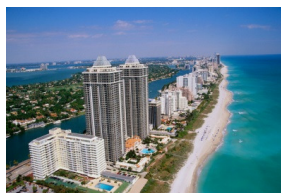
International Neuroscience and Biological Psychiatry ISBS Symposium "TRANSLATIONAL NEUROSCIENCE OF STRESS"
November 10-11, 2016, San Diego, CA, USA



4th Caribbean Biomedical Research Days CBRD-2017
January 16-18, 2017, Rodney Bay, St. Lucia



24th International Neuroscience and Biological Psychiatry Conference "STRESS AND BEHAVIOR"
May 16-19, 2017, St. Petersburg, Russia



11th International Regional Neuroscience and Biological Psychiatry Conference "STRESS AND BEHAVIOR" (North America)
June 22-24, 2017, Miami Beach, FL, USA



12th International Regional Neuroscience and Biological Psychiatry Conference "STRESS AND BEHAVIOR" (Asia)
July 24-25, 2017, Yokohama, Japan

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