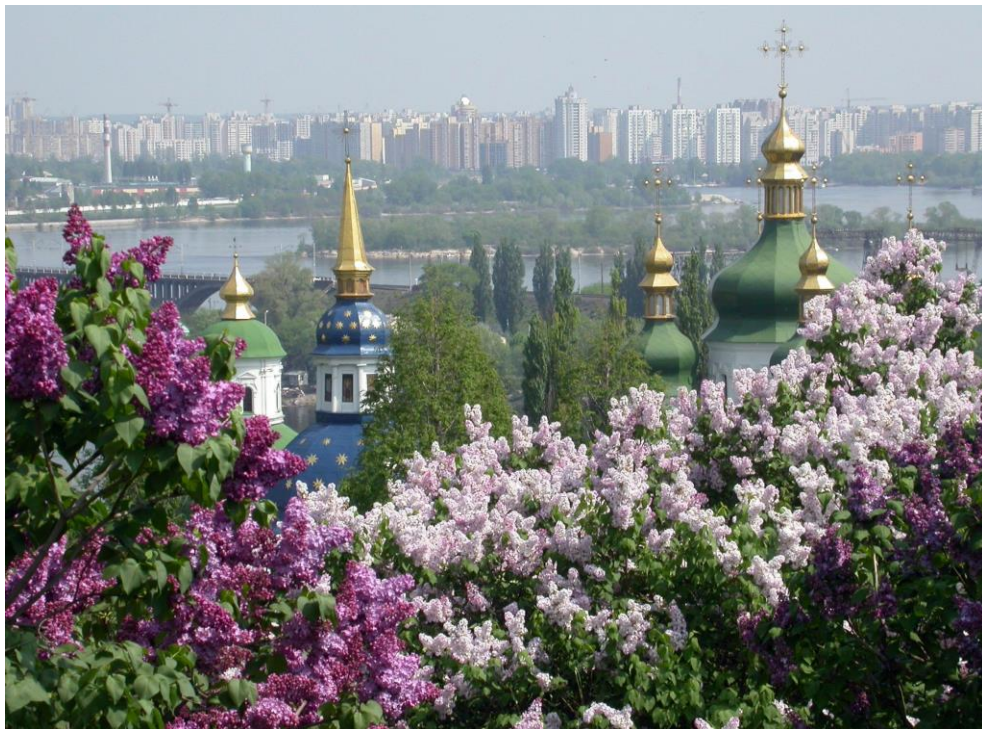


The International Stress and Behavior Society (ISBS)

# Program

5<sup>th</sup> International Neuroscience and Biological  
Psychiatry ISBS Regional Symposium

**"TRANSLATIONAL BIOLOGICAL  
PSYCHIATRY"**



**August 5-8, 2021  
Kyiv, Ukraine**

**SYMPOSIUM OVERVIEW:** The symposium exchanges and shares the developing translational knowledgebase of the molecular and genetic link between biological psychiatry and behavior/neurobiology, with the particular focus on stress and stress-evoked neuropsychiatric disorders. Anyone interested in stress-related human or animal behaviors, neurobehavioral disorders and their mechanisms are welcome to join the symposium. Symposium working language is English, Ukrainian and Russian.

**SYMPOSIUM VENUE:** Great Conference Hall of the National Academy of Sciences of Ukraine, 55 Volodymyrska Street, Kyiv, Ukraine

**CME CREDITS:** 16 h (16 CME credits) Category II

## SYMPOSIUM PROGRAM

### Thursday, August 5, 2021

16.00-17.00 **TECHNICAL MEETING WITH ONLINE STREAMING: OVER 25 YEARS TO ISBS CONFERENCES – BRIDGING THE “BIOLOGICAL” AND “PSYCHIATRY”.** Prof. AV Kalueff (China, Russia, USA), Chair, ISBS President

### Friday, August 6, 2021

10.30-10.40 **INTRODUCTORY REMARKS: PROF. AV KALUEFF, ISBS PRESIDENT AND PROF. OG SYROPIATOV, RSBS PRESIDENT**

10.40-10.50 **INDUCTION OF 2021 ISBS FELLOWS: PROF. AN MAKARENKO AND PROF. NA DZERUZHINSKAYA**

#### **SYMPOSIUM 1. THE ANATOLIY P CHUPRIKOV TRANSLATIONAL NEURO-SCIENCE SYMPOSIUM**

10.50-11.00 **INTRODUCTION: PROFESSOR ANATOLIY P CHUPRIKOV AND HIS CONTRIBUTION TO BIOLOGICAL PSYCHIATRY**

11.00-11.30 **USBP PRECLINICAL LECTURE 1. DEVELOPING ZEBRAFISH MODELS FOR NEURO-ONCOLOGY.** AV Kalueff, Southwest University, Chongqing, China

11.30-12.00 **ISBS TRANSLATIONAL LECTURE: PROTECTIVE EFFECTS OF DIOSGENIN ON AGING PROCESSES IN THE ACCELERATED SENESCENCE RAT MODEL.** TG Amstislavskaya, Scientific Research Institute of Neuroscience and Medicine, Novosibirsk State University, Novosibirsk, Russia

12.00-12.30 **COFFEE BREAK**

12.30-13.00 **ISBS CLINICAL LECTURE: ADVANCED NEUROIMAGING TECHNIQUES IN DETECTION OF SUBTLE BRAIN CHANGES IN AGING AND AMNESTIC MILD COGNITIVE IMPAIRMENT.** D Kozić, University of Novi Sad Faculty of Medicine, Novi Sad, Serbia

**13.00-13.30 CLINICAL SKETCHES FROM WORKING WITH REFUGEES.** YV Kyrlylenko, Sozialpsychiatrische Praxis, Bremen, Germany

**13.30-14.00 IN SEARCH OF BIOMARKERS IN PSYCHOLOGY: EEG-BASED MEASURES OF BRAIN FUNCTION UNDER EMOTIONAL BURNOUT ('EMOTIONAL EXHAUSTION').** S Tukaiev, D Harmatiuk, A Popov, M Makarchuk, Kyiv Taras Shevchenko National University, Kyiv, Ukraine

**14.00-15.00 LUNCH BREAK (FREE TIME)**

**SYMPOSIUM 2. THE LEONID A GROMOV SYMPOSIUM ON NEURO-PHARMACOLOGY AND BIOLOGICAL PSYCHIATRY**

**15.00-15.15 INTRODUCTION: PROFESSOR LEONID A GROMOV'S LEGACY IN NEURO-PHARMACOLOGY RESEARCH**

**15.15-15.40 RECENT ADVANCES IN NEURODEGENERATION RESEARCH.** AN Makarenko, YuB Chaikovsky, Interregional Academy of Personnel Management, Bogomolets National Medical University, Kyiv, Ukraine

**15.40-16.00 STATE OF BRAIN PRO/ANTIOXIDANT SYSTEM IN RATS WITH METABOLIC SYNDROME SUBJECTED TO CO-ADMINISTRATION OF METFORMIN AND METOVITAN.** A Shayakhmetova, T Karatsuba, SS Tanina, L Bondarenko, R Statiychuk, I Tubaltseva, Institute of Pharmacology and Toxicology NAMS, Kyiv, Ukraine

**16.00-16.20 BANK VOLES INHABITED IN THE CHERNOBYL EXCLUSION ZONE HAVE IMPAIRMENT OF CONDITIONED INSTRUMENTAL BEHAVIOR.** E Tukalenko, National Research Center for Radiation Medicine NAMS, Kyiv, Ukraine; Department of Biological and Environmental Science, University of Jyväskylä, Jyväskylä, Finland

**16.20-17.10 ANXIOLYTIC ACTIVITY OF 3-ARYL-1-(41-METHOXYPHENYL)-1-(6,7,8,9-TETRAHYDRO-5H-[1,2,4]TRIAZOLO[4,3-A]AZEPINE-3-YL-METHYL)-UREA DERIVATIVES.** SA Demchenko, OE Yadlovskiy, ZS Suviriva, Institute of Pharmacology and Toxicology NAMS, Kyiv, Ukraine

**17.10-17.40 USBP CLINICAL LECTURE: ON THE PREVENTION OF ARMY SUICIDES.** DA Korshevnyuk, OG Syropiatov, NA Dzeruzhinskaya, Ukrainian Military Medical Academy, Bogomolets National Medical University, Kyiv, Ukraine

## **Saturday, August 7, 2021**

**10.30-11.00 ISBS CLINICAL LECTURE: UNDERSTANDING SUICIDES.** VA Rosanov, St. Petersburg State University, St. Petersburg, Russia

**SYMPOSIUM 3. CROSS-SPECIES MODELS IN BIOLOGICAL PSYCHIATRY**

**11.00-11.20 GENERAL INTRODUCTION**

**11.20-11.40 CROSS-SPECIES STRESS GENOMICS.** KA Demin, DS Galstyan, Yu Kositsin, St. Petersburg State University, St. Petersburg, Russia

- 11.40-12.00 THE ROLE OF THE *ADGRL3.1* GENE IN ADHD-LIKE PHENOTYPES IN ZEBRAFISH.** BD Fontana, MO Parker, Department of Pharmacy and Biomedical Sciences, University of Portsmouth, Portsmouth, UK
- 12.00-12.20 UNDERSTANDING ZEBRAFISH AGGRESSION.** KN Zabegalov, GO Maslov, Sirius University, Sochi, Russia
- 12.20-12.40 SCREENING NOVEL NOOTROPICS IN ZEBRAFISH.** TO Kolesnikova, Sirius University, Sochi, Ural Federal University, Yekaterinburg, Russia
- 12.40-13.00 ZEBRAFISH MODELS OF NOCICEPTION.** FV Costa, DB Rosemberg, Federal University of Santa Maria, Santa Maria, Brazil
- 13.00-13.25 ISBS LECTURE: CELLULAR 3D TEST SYSTEMS FOR DIAGNOSTICS AND BIOSCREENING.** EV Petersen, Moscow Institute of Physics and Technology, Moscow, Russia

## Sunday, August 8, 2021

- 12.00-13.00 WORKSHOP: ETHICS IN BIOMEDICAL RESEARCH**
- 13.00-14.00 ROUND TABLE: ANIMAL MODELS IN NEUROSCIENCE RESEARCH**
- 14.00-14.30 GROUP DISCUSSION**



## THE INTERNATIONAL STRESS AND BEHAVIOR SOCIETY (ISBS)

Established in 2007

**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 90.00 EUR regular member or 50.00 EUR student member for a three-year term. To join please send membership application request to the ISBS Secretariat at [info@stressandbehavior.com](mailto:info@stressandbehavior.com).

### Please join our forthcoming ISBS Conferences



**29<sup>th</sup> International Neuroscience and Biological Psychiatry Conference "STRESS AND BEHAVIOR"**  
May 16-19, 2022, St. Petersburg, Russia



**6<sup>th</sup> International Neuroscience and Biological Psychiatry ISBS Symposium "TRANSLATIONAL NEUROSCIENCE OF STRESS"**  
May 23-24, 2022, Kyiv, Ukraine

**E-mail: [info@stressandbehavior.com](mailto:info@stressandbehavior.com)**  
**[www.stress-and-behavior.com](http://www.stress-and-behavior.com)**