International Stress and Behavior Society (ISBS)
The Russian Society for BioPsychiatry (RSBP)
Ukrainian Society for Biological Psychiatry (USBP)
Institute of Experimental Medicine (IEM RAMS)
ZENEREI/Centre for Physiology and Biochemical Research (CPBR)

Final Program

19th Multidisciplinary International Conference on Neuroscience and Biological Psychiatry “Stress and Behavior” ISBS Conference

St-Petersburg, Russia
May 16-19, 2013
IN PARTNERSHIP WITH:

Noldus

TSE systems

METRIS
Day 1. Thur, May 16, 2013
Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

Afternoon session

13.00-18.00  Conference registration

14.30-14.45  OPENING CEREMONY, WELCOMING ADDRESSES
A Kalueff (Conference Chair), V Klimenko (Program Committee Chair)

14.45-15.45  OPENING PLENARY LECTURE: DROSOPHILA MELANOGASTER AS A MODEL
SYSTEM TO STUDY COMPLEX BEHAVIORS, AND THE ROLE OF SEROTONIN IN THESE BEHAVIORS.
C Nichols, LSU, New Orleans, USA

15.45-18.00  SYMPOSIUM I. OXYTOCIN, STRESS AND THE SOCIAL BRAIN: MECHANISMS AND
TRANSLATIONAL PERSPECTIVES (presentations 35 min)
Chairs: ID Neumann, M Heinrichs (Germany)

INTRODUCTION

BRAIN OXYTOCIN AND THE MODULATION OF SOCIAL VERSUS NON-SOCIAL ANXIETY IN RODENTS.
ID Neumann, University of Regensburg, Regensburg, Germany

16.20-16.40  Coffee break

OXYTOCIN AND SOCIAL STRESS IN HUMANS: A PHARMACOGENETIC PERSPECTIVE. M Heinrichs,
Albert-Ludwigs-University of Freiburg, Freiburg, Germany

CO-INTERACTION BETWEEN CENTRAL OXYTOCIN AND CORTICOTROPIN RELEASING HORMONE
SYSTEMS. V Grinevich, German Cancer Research Center DKFZ, University of Heidelberg, Heidelberg,
Germany

DISCUSSION

SOCIAL EVENTS

18.00-18.45  Welcoming Mini-Reception (free for registered delegates)

19.00-22.00  City Tour (admissions)

Day 2. Fri, May 17, 2013
Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

Morning session

9.00-18.00  Conference registration

9.00-10.00  SPECIAL LECTURES (20 min)

MODELING OF COMORBID MENTAL DISORDERS: SCHIZOPHRENIA AND ALCOHOL ABUSE. AY
Egorov, EO Kutcher, NA Chernikova, EV Filatova, Sechenov Institute of Evolutionary Physiology and
Biochemistry RAS, St. Petersburg State University, St. Petersburg, Russia

INNOVATIVE APPROACH TO TREAT CHILDHOOD ANXIETY. CA Essau, University of Roehampton,
Roehampton, UK
EPIGENETIC REGULATORY MECHANISMS OF EARLY LIFE STRESS RESPONSES AND MEMORY. N Meiri, T Kisliouk, M Yossifoff, T Cramer, Institute of Animal Science, The Volcani Center, Bet Dagan, Israel

10.00-12.20 SYMPOSIUM II: NOVEL MECHANISMS INVOLVED IN THE MODULATION OF MONOAMINE TRANSMISSION (presentations 30 min)
Chair: R Gainetdinov (Italy)

INTRODUCTION

ENDOCYTOSIS AND RECYCLING DEPENDENT ENHANCEMENT OF 5-HT2 RECEPTOR SIGNALING BY CRF. SSG Ferguson, Taylor Centre for Cell Biology, Robarts Research Institute, London, Ontario, Canada

THE H-MAZE, A NEW TOOL TO EVALUATE COGNITIVE FUNCTIONS IN MICE WITH ALTERED MONOAMINE NEUROTRANSMISSION. J-M Beaulieu, Research Institute of the University of Quebec, Beauport, Canada

11.00-11.20 Coffee break

NOVEL MECHANISMS OF AMPHETAMINE ACTION ON DOPAMINE NEURONS IN A DROSOPHILA MODEL. Z Freyberg, M Sonders, J Flores, J Aguilar, A Chen, H Fei, G Hu, R Freyberg, B McCabe, D Krantz, Sames, D Sulzer, JA Javitch, Columbia University, New York, NY, Yeshiva University, New York, NY, University of California Los Angeles, Los Angeles, CA, USA

MECHANISMS OF MODULATION OF DOPAMINE TRANSMISSION VIA TRACE AMINE ASSOCIATED RECEPTOR 1 (TAAR1). RR Gainetdinov, Italian Institute of Technology, Genova, Italy

DISCUSSION

12.20-13.10 CONFERENCE PRESENTATION: NOVEL INSTRUMENTATION AND METHODS FOR IN-VIVO RESEARCH IN FIELD OF NEURO-DEGENERATIVE DISEASES. E Wenzler, TSE Systems GmbH, Germany

13.10-14.00 Lunch Break

Afternoon session

14.00-16.00 SYMPOSIUM III. IS ADOLESCENCE A VULNERABILITY PERIOD TO THE EFFECTS OF STRESS ON PLASTICITY AND MEMORY? (presentations 30 min)
Chairs: G Ferreira (France), M Maroun (Israel)

INTRODUCTION

DEVELOPMENT OF THE HPA AXIS IN ADOLESCENT RATS AND LASTING EFFECTS OF EXPOSURE TO STRESSORS ON EMOTIONAL AND SOCIAL BEHAVIOR. CM McCormick, Brock University, St Catharines, Ontario, Canada

AGE AND GENDER-DEPENDENT DIFFERENCES IN ACTIVITY, PLASTICITY AND RESPONSE TO STRESS IN THE DENTATE GYRUS. G Richter-Levin, F Zitman, Institute of Affective Neuroscience, University of Haifa, Haifa, Israel

ENHANCEMENT OF AMYGDALA PLASTICITY AND EMOTIONAL MEMORY BY JUVENILE HIGH-FAT DIET CONSUMPTION: INVOLVEMENT OF HPA AXIS DYSREGULATION. G Ferreira, NutriNeuro, INRA-Bordeaux University, Bordeaux, France

THE EFFECTS OF STRESS ON EXTINCTION AND MEDIAL PREFRONTAL CORTEX PLASTICITY IN THE POST-WEANLING AND ADULT ANIMALS. M Maroun, University of Haifa, Haifa, Israel
Oktiabrskaya Hotel, Petrovsky hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

16.00-16.20 Coffee Break

16.20-17.10 CONFERENCE PRESENTATION: THE NEED FOR MULTI-MODAL AND MULTI-FUNCTIONAL MEASUREMENT SYSTEMS IN LABORATORY ANIMAL RESEARCH AND MATRIX ANALYSIS. L Bachdasarian, R Bulthuis, E Molenwijk, S Zhuchkov, Metris B.V., Hoofddorp, The Netherlands, Orel University, Orel, Russia

17.10-18.00 ISBS/RSBP/USBP Executive Board Meeting

SOCIAL EVENTS

20.00-22.00 Neva River and Canals Boat Trip (admissions)

Day 3. Sat, May 18, 2013
Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

Morning session
9.00-18.00 Conference registration

9.00-10.00 CONFERENCE TALKS (20 min)

ZEBRAFISH MODELS FOR HALLUCINOGENIC-RELATED COMPOUNDS. AV Kalueff, AM Stewart, VGjeloshi, D Kondaveeti, N Neelkantan, A Mikhaylova, R Arnold, ZENEREI Institute, New Orleans, USA, IAU College of Medicine, St Lucia, WI, Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA, USA

HUMAN UMBILICAL CORD BLOOD DERIVED NEURAL STEM CELLS TRANSPLANTED INTO THE BRAIN OF FOCAL CEREBRAL ISCHEMIC RATS PROVIDE TROPHIC SUPPORT FOR ENDOGENOUS NEUROGENESIS. B Lukomska, A Jablonska, K Drela, L Wojcik-Stanaszek, T Zalewska, Medical Research Centre PAN, Warsaw, Poland

OGD PROMOTES GlioGENESIS, BUT NOT NEUROGENESIS, IN ORGANOTYPIC HIPPOCAMPAL SLICE CULTURE. T Zalewska, M Ziemka-Nalecz, L Stanaszek, Mossakowski Medical Research Centre PAS, Warsaw, Poland

10.00-13.00 SYMPOSIUM IV: ZOFIA ZUKOWSKA SYMPOSIUM ON EXPERIMENTAL MODELS IN BRAIN RESEARCH I
Chairs: I Ekimova (Russia), A Kalueff (USA), presentations 15 min

DELAYED DISTURBANCE OF EXPLORATORY BEHAVIOR IN RATS AFTER ADMINISTRATION OF BACTERIAL ENDOTOXIN IN EARLY POSTNATAL DEVELOPMENT. KJ Fomalont, OE Zubareva, AN Trofimov, AP Schwarz, VM Klimenko, Institute of Experimental Medicine RAMS, St. Petersburg, Russia

IMPACT OF STRESS ON ELECTROMAGNETIC FIELD-INDUCED CORTICOSTERONE, CYTOKINES AND GFAP RESPONSES. M Bouji, A Lecomte, Y Hode, AS Villegier, INERIS, France

THE ROLE OF PI3-KINASE CASCADE IN EXTINCTION OF CONDITIONED FEAR IN THE POST-WEANLING PUP. I Slouzkey, M Maroun, University of Haifa, Haifa, Israel

THE EFFECTS OF MALE AND FEMALE COMPANIONS IN REVERSING THE STRESSOR-DECREASED CELL PROLIFERATION AND NEUROGENESIS. L Yu, W-Y Tzeng, M-Y Liu, National Cheng Kung University, Tainan, Taiwan

TRAIT PESSIMISM PREDICTS VULNERABILITY TO STRESS-INDUCED ANHEDONIA IN RATS. RRygula, J Papciak, P Popik, Institute of Pharmacology PAN, Krakow, Jagiellonian University, Krakow, Poland
11.15-11.30  Coffee break

INFLUENCE OF PHARMACOLOGICAL STIMULATION OF KAPPA-OPIOID RECEPTORS ON LEARNING OF CONDITIONED PLACE PREFERENCE IN RAT PUPS. VN Mukhin, A Kozlov, Institute for Experimental Medicine RAMS, St. Petersburg, Russia

DISC1 X ENVIRONMENT INTERACTIONS MOUSE MODELS: TOWARDS OUR UNDERSTANDING OF SCHIZOPHRENIA AND DEPRESSION. TV Lipina, AHC Wong, JC Roder, Samuel Lunenfeld Research Institute at Mount Sinai Hospital, Toronto, Ontario, Canada

MODULATION OF BACTERIA-INDUCED SICKNESS AND INFLAMMATION BY DOUBLE-STRANDED RNA-DEPENDENT PROTEIN KINASE (PKR). DC-H Poon, Y-S Ho, CK-M Lok, SM-C Leung, K Chiu, RC-C Chang, LKS Faculty of Medicine, The University of Hong Kong, Hong Kong, Macau University of Science and Technology, Macau, China

AGE-RELATED CHANGES IN RELIABILITY OF ANTIOXIDANT ENZYME DEFENSE IN MONKEYS WITH DIFFERENT TYPES OF ADAPTIVE BEHAVIOR. ND Goncharova, Research Institute of Medical Primatology RAMS, Sochi, Russia

GENETIC CONSEQUENCES OF ODOR-INDUCED ZOOSOCIAL STRESS IN MICE. TS Glinin, AV Dukelskaya, EV Daev, St. Petersburg State University, St. Petersburg, Russia

DISCUSSION

13.00-14.00  Lunch Break

14.00-15.20  CONFERENCE TALKS (20 min)

THE IMPACT OF REPRESSIVE COPING ACROSS THE ADULT LIFE SPAN ON MENTAL HEALTH AND SUICIDAL IDEATION. JAK Erskine, GJ Georgiou, L Kwavilashvili, St George’s, University of London, London, University of Hertfordshire, Hertfordshire, UK

TESTOSTERONE, DEPRESSION, AND PERSONALITY. EJ Giltay, Leiden University Medical Center (LUMC), Leiden, Netherlands

THE PEPTIDE DRUGS, COMPENSATION OF DISTURBED COGNITIVE FUNCTIONS, INTERHEMISPHERE ASYMMETRY AND THEIR POSSIBLE NEUROCHEMICAL MECHANISMS IN THE ASCENDING ROW OF THE MAMMALS. TN Sollertinskaja, MV Shorokhov, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

CEREBRAL VENOUS THROMBOSIS – EARLY DIAGNOSIS AND CONSEQUENCES OF MISDIAGNOSIS. D Kozic, University of Novi Sad School of Medicine, Oncology Institute of Vojvodina, Sremska Kamenica, Serbia

15.20-15.40  Coffee break

15.40-17.00  SYMPOSIUM IV: EXPERIMENTAL MODELS IN BRAIN RESEARCH II

TREADMILL RUNNING EXERCISE AFFECTS HIPPOCAMPAL NEUROPLASTICITY OF AGEING MICE. Y-M Kuo, N-W Ku, M-Y Liu, National Cheng Kung University, Taiwan

POTENTIAL ANTIDEPRESSANT-LIKE EFFECTS OF Y5 RECEPTOR ANTAGONIST LU AA33810 IN A RAT MODEL OF DEPRESSION INDUCED BY ASTROCYTE ABLATION. M Smialowska, B Szewczyk, M Wozniak, H Domin, Institute of Pharmacology, Polish Academy of Sciences, Krakow, Poland
MICROINJECTIONS OF HSP70 INTO SUBSTANTIA NIGRA DECREASE MOTOR DISTURBANCES AND DEGENERATION OF NEURONS INDUCED BY LACTACYSTIN IN RATS. KV Lapshina, YuF Pastukhov, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

PROTEIN IN THE HYPOTHALAMUS AND PITUITARY GLAND OF STURGEON. VV Kuzik, DM Surzhenko, Sechenov Institute of Evolutionary Physiology and Biochemistry, St. Petersburg, Russia

OXYTOCIN REDUCES ANXIETY IN RATS EXPOSED TO SOCIAL BUT NOT TO PHYSICAL STRESS. A.V. Kargin, D.A. Zhukov, E.P. Vinogradova, St. Petersburg State University, Pavlov Institute of Physiology, St. Petersburg, Russia

DISCUSSION

17.00-19.00 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.

SALIVARY TESTOSTERONE IS CONSISTENTLY AND POSITIVELY ASSOCIATED WITH EXTRAVERSION. MMJ Smeets-Janssen, K Roelofs, J van Pelt, P Spinhoven, FG Zitman, BWJH Penninx, EJ Giltay, Leiden University Medical Center, Leiden, Netherlands

A ROLE FOR GAD 65 IN THE VENTRAL HIPPOCAMPUS IN MEDIATING ANXIETY AND IN LEARNING UNDER STRESS. R Algon, R Anunu, B Muller, O Stork, G Richter-Levin, Institute for Affective Neuroscience, The Brain and Behavior Research Center, University of Haifa, Haifa, Israel, Otto-von-Guericke University, Magdeburg, Germany

ETHNIC DIFFERENCES IN DEPRESSIVE SYMPTOMS FOLLOWING AN ACUTE MYOCARDIAL INFARCTION IN ISRAEL. A Hussein, BH Amit, V Rozman, I Shugaev, A Marmor, Ziv Medical Center + Bar Ilan University Faculty of Medicine, Israel

THE EFFECTS OF A SINGLE INTRAHIPPOCAMPAL INJECTION OF SOLUBLEAMYLOID BETA PROTEIN ON WORKING MEMORY AND FEAR MEMORY IN RATS. RR Mao, C William, L Xu, R Michael, Kunming Institute of Zoology CAS, Kunming, China, Trinity College Dublin, Dublin, Ireland

FACTOR STRUCTURE OF INFLUENCE OF GEOCOSMIC AND METEOROLOGICAL CONDITIONS ON PERCEPTO-MOTORIC REACTIONS. KI Pavlov, VG Kamenskaya, Hertsen State Pedagogical University, St. Petersburg, Russia

ASSOCIATION OF DEMOGRAPHIC AND WORK-RELATED FACTORS WITH PSYCHOLOGICAL DISTRESS AMONG OIL WORKERS IN KUWAIT. R Al-Adsani, K Khudadah, H Ali, O Booz, M Moussa, A Alabbasi, Ahmadi Hospital, Kuwait Oil Company, Faculty of Medicine, Kuwait University, Kuwait

EFFECTS OF SINGLE INTRANASAL INJECTION OF OBESTATIN AND ITS FRAGMENTS ON DEPRESSION LEVEL IN MALE RATS. SS Yagubova, EE Khirazova, MV Maslova, AS Maklakova, ZhD Bespalova, DA Frid, NA Sokolova, AA Kamensky, Lomonosov Moscow State University, Moscow, Russia

PARAMETERS OF ANTE-MORTEM DELIRIUM. R Gaidamovic, A Deksnyte, R Aranauskas, V Kasiulevicius, V Sapoka, K Palinauskaite, Vilnius University Hospital, Vilnius, Lithuania

AGOMELATINE: STRESS AND CLINICAL IMPROVEMENT. A Deschamps Perdomo, MJ Sevilla Vicente, I Basurte Villamor, Psychiatry Service, Fundacion Jimenez Diaz, Hospital Gregorio Maranon, Madrid, Spain

REMODELING OF FUNCTIONAL STATUS IN STRESS AND NICOTINE DEPENDENCE BY EXTERNAL VIDEO FEEDBACK BASED ON GSR. ON Vovk, IN Nikolaeva, YV Balabanov, VM Klimenko, Institute of Experimental Medicine RAMS, SPC Ltd. In Vitro, St. Petersburg, Russia
CONTRIBUTION OF SEROTONIN 5-HT1A-RECEPTORS IN IMMUNOMODULATION UNDER DEVELOPMENT OF DEPRESSIVE-LIKE STATES. EL Alperina, GV Idova, State Research Institute of Physiology SB RAMS, Novosibirsk, Russia

EXPOSURE TO MOBILE RADIANES (900MHz): EFFECTS ON STRUCTURE AND PHYSIOLOGY OF RAT BRAIN. M Bhatnagar, University College of Science, Mohan Lal Sukhadia University, India

THE ROLE OF SYSTEMIC INFLAMMATION IN THE INDUCTION OF DOPAMINERGIC NEURONS DEGENERATION. MA Shkilaeva, VA Schukina, EA Skomorohova, OV Kharina, MN Karpenko, VM Klimenko, Institute of Experimental Medicine RAMS, St. Petersburg, Russia

PECULIARITIES OF THE RESPONSE TO STRESS TEACHERS. E. Dunaevskaya, Khakass State University, Khakassia, Russia

ACTIVE AVOIDANCE CONDITIONING AFFECTS THE EXPRESSION OF DOPAMINE RECEPTOR GENES IN THE HIPPOCAMPUS, BUT NOT PREFRONTAL CORTEX, OF ADULT RATS. AP Schwarz, AN Trofimov, Institute of Experimental Medicine RAMS, St. Petersburg, Russia

VASOTOCIN EFFECT ON WAKE-SLEEP CYCLE IN FROGS. EA Aristakisyan, VV Kuzik, DM Surzhenko, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

EFFECTS OF INTRANASAL INJECTIONS OF HSP70 ON MOTOR BEHAVIOR IN AN EXPERIMENTAL MODEL OF PARKINSON’S DISEASE IN RATS. DV Plaksina, KV Lapshina, IV Ekimova, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia

CHRONIC PSYCHOSOCIAL STRESS AS THE RISK FACTOR OF OSTEOPENIC SYNDROME IN YOUNG ADULTS. L Zaripova, Astana Medical University, Astana, Kazakhstan

SOCIAL EVENTS
20.00-22.00 Conference Dinner at “Na Zdorovye” Restaurant (admissions)

Day 4. Sun, May 19, 2013
Oktiabrskaya Hotel, Grand hall (2nd floor), 10 Ligovsky Prospect, St-Petersburg, Russia

Morning session

9.00-11.00 Conference registration

9.40-10.00 Conference presentation (20 min)

THE IMPACT OF INCREASING ALPHA-WAVE AMPLITUDE THROUGH CRANIAL ELECTROTHERAPY STIMULATION ON THE ALLEVIATION OF THE PHYSIOLOGICAL AND PSYCHOLOGICAL SYMPTOMS OF ANXIETY DISORDERS. L Parkinson, A Parkinson, Brainhealth, London, UK

10.00-13.15 SYMPOSIUM IV: STRESS, BIOPSYCHIATRY AND HUMAN BEHAVIOR
Chair: V Klimenko (Russia), presentations 15 min

STUDY OF THE RELATIONSHIP BETWEEN EPISODIC MEMORY PERFORMANCE AND HIPPOCAMPAL SUBFIELD VOLUMES IN MAJOR DEPRESSIVE DISORDER. NV Malykhin, S Travis, Y Huang, NJ Coupland, P Silverstone, P Seres, R Carter, University of Alberta, Edmonton, Alberta, Canada

TRANSSEXUALISM IN THE FORENSIC FIELD. D Otamendi, Buenos Aires Court Department, Mar del Plata, Argentina
PTSD DIAGNOSTIC CRITERIA AND SUICIDAL IDEATION IN A SOUTH AFRICAN POLICE SAMPLE.  N Vawda, University of KwaZulu-Natal, Durban, South Africa

STRESS RESISTANCE AND TEMPERAMENT.  LI Gubareva, HV Agarkova, North Caucasian Federal University, Stavropol, Russia

SENSORY SYSTEMS AND IMMUNITY IN MENTAL DISORDERS.  T Nevidimova, T Vetlugina, E Batukhtina, N Bokhan, V Semke, Mental Health Research Institute, Tomsk, Russia

EXAMINATION OF STRESS-COPING STRATEGIES OF THE CANDIDATES WHO PARTICIPATED IN THE ENTRANCE EXAMINATION OF THE SCHOOL OF PHYSICAL EDUCATION AND SPORTS.  F Soyer, MC Cetin, M Gulle, Sakarya University, Mustafa Kemal University, Turkey

11.30-12.00  Coffee Break

DERMATOGLYPHIC MARKERS OF NON-HEREDITARY MENTAL RETARDATION.  JA Novikova, LI Gubareva, NA Tolmacheva, North Caucasian Federal University, Stavropol, Russia

PARENTS’ METHODS OF ENCOURAGEMENT AND PUNISHMENT AND CHILD’S EMOTIONAL RESPONSES.  El Nikolaeva, SA Burkova, Herzen State Pedagogical University, St. Petersburg, Russia

JOB CHARACTERISTICS, JOB SATISFACTION, STRESS AND DEPRESSION.  R Steyn, University of South Africa, Pretoria, South Africa

EFFECT OF BASKETBALL EXERCISES ON SHYNESS LEVELS OF HIGH SCHOOL STUDENTS.  M Ozmaden, I Sari, F Soyer, Balikesir University, Sakarya University, Turkey

SPEECH BEHAVIOR IN PHYSICAL AND EMOTIONAL STRESS.  ME Sergeeva, Shukshin Altay State Academy of Education, Biysk, Russia


SOCIAL EVENTS
19.00-22.00 Mikhailovsky Theater “Tosca” (admissions)

Monday, May 20, 2013
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 (IEM): bus to IEM leaves at 10.00 sharp from main entrance of Oktiabrskaya Hotel, and will return to Hotel by 15.00 (admissions)

Satellite Symposium on the History of Science, dedicated to the first “Soviet” Director of the Institute of Experimental Medicine Professor A.A. Vladimirov (in Russian):

Сателлитный исторический симпозиум, посвященный первому советскому директору Института экспериментальной медицины профессору А.А. Владимиrowу
Ю.А. Мазинг. А.А. Владимиров - первый советский директор Института экспериментальной медицины. А.В. Дмитриев. Значение исследований А.А. Владимирова для современной микробиологии и иммунологии. Ю.П. Голиков. Профессор А.А. Владимиров - один из основоположников современной эпидемиологии.

SOCIAL EVENTS
9.30-16.00 Suburban Royal Palace Peterhof Tour (admissions)