

**Centre for Physiology and Biochemical Research (CPBR)
The Russian Society for BioPsychiatry (RSBP)
Institute of Experimental Medicine of the Russian Academy
of Medical Sciences (IEM RAMS)
I.P. Pavlov Institute of Physiology of the Russian Academy
of Sciences (FIN RAS)
Military-Medical Academy
V.M. Bekhterev' Psychoneurological research Institute**

**8-th Multidisciplinary International Conference
of Biological Psychiatry**

"Stress and Behavior"

St-Petersburg, Russia



May 17-19, 2004

Conference symposia program

1. Yu.L. Nuller Memorial Symposium on Neuropsychopharmacology

Introductory remarks: Professor Yu.L.Nuller – Scientist and Personality. I.P. Lapin, St Petersburg Bekhterev's Psychoneurological Institute, St Petersburg, Russia.

Neuroprotective properties of the novel antiparkinsonic drug hemantane in MPTP and MPP+ induced parkinsonism and possible role of MAO inhibition. E.A.Valdman, L.N.Nerobkova, I.G.Kapitsa, L.A.Aksenova, O.A.Buneeva, T.A.Voronina, A.E.Medvedev, Zakusov's State Institute of Pharmacology RAMS; Orechovich's State Institute of Biomedical Chemistry RAMS, Moscow, Russia

Evaluation of Proproten Neuroprotective Effect in Experimental Models of Ischemic and Hemorrhagic strokes. Voronina T.A., Romanova G.A., Sergeeva S.A., Garibova T.L., Krajneva V.A., Galaeva I.P., Dugina J.L., Epstein O.I. Materia Medica Holding Company, Institute of General Pathology and Pathological Physiology, Moscow, Russia.

The effect of complex psychopharmacotherapy (Cerebrolysin with typical neuroleptics) on autism severity in mild/moderate and severe childhood autism. V.M. Bashina, M.G. Krasnoperova, Russian Academy of Medical Sciences, Mental Health Research Center, Moscow, Russia.

Complex psychopharmacotherapy (Cerebrolysin with typical neuroleptics) of cognitive dysfunction in childhood autism. M.G. Krasnoperova, V.M. Bashina, Russian Academy of Medical Sciences, Mental Health Research Center, Moscow, Russia.

Neurophysiological Studies of *Heteropteris glabra* Hok. and Arn. (Malpighiaceae) in DBA/2J Mice. G.Galietta, G.Giuliani, A.Loizzo, A.G. Amat, E. Fumagalli, V. De Feo, E.Quaranta, L.Paladino, A. Capasso. Istituto Superiore di Sanita, Rome, Italy, Departamentos de Biologia y Farmacia, Facultad de Ciencias Exactas, Quimicas y Naturales. Universidad Nacional de Misiones, Posadas Misiones, Argentina, Dipartimento di Scienze Farmaceutiche, Università degli Studi di Salerno, Salerno, Italy.

Antidepressant effect of Kaixinsan in mice. Liu Ping; Wang Dongxiao; Wang Jingliang; Yin Jianfen; Yu Junfeng; Xing Jianghua, Department of Pharmacology, Chinese PLA General Hospital, Beijing, China.

Characterization of β -arrestin in mood disorders. A.Matuzany-Ruban, S. Avissar, G. Schreiber, Faculty of Health Sciences, Ben Gurion University, Beer Sheva, Israel.

Nitric oxide involvement in penthyleneterazole-induced seizures: effects of anticonvulsant and antioxidant drugs. V. Narkevich, G. Vitskova, V. Mikoyan, V. Bashkatova, Institute of Pharmacology RAMS, Moscow, Russia; Institute of Chemical Physics RAN, Moscow, Russia.

POSSIBLE ROLE OF GABA-DERIVATE PHENIBUT IN THERAPY OF SCHIZOPHRENIA. G. I. Shulgina, E.A.Zyablitzeva, Institute of Higher Nervous Activity and Neurophysiology RAS, Moscow, Russia.

Changes in cognitive and communicative functions in schizophrenia patients treated with atypical antipsychotics. G.E. Rupchev, V.A. Bogomolov, T.A. Lepilkina. Laboratory of Psychopharmacology, Mental Health Research Institute, RAMS, Moscow, Russia.

Possibilities and reality of the prodromal psychotic disturbance model. V.Kozlovsky, I.Prachje. Bekhterev Psychoneurological Research Institute, Saint-Petersburg, Russia.

The effects of the novel tripeptoid analogue of neurotensin, Dilept, on the activity of DA system of rat brain structures. Retiounskaia M.V., Kudrin V.S., Klodt P.M., Us K.S., Gudasheva T.A., Ostrovskaya R.U. Institute of Pharmacology RAMS, Moscow, Russia.

COGNITIVE AND NEUROMEDIATOR DISTURBANCES INDUCED BY PHOTOTHROMBOSIS OF RAT'S PREFRONTAL CORTEX; EFFECTS OF NOOPEPT. F.M. Shakova, V.S. Kudrin, P.M. Klodt, G.A. Romanova. Institute of General Pathology and Pathophysiology, Institute of Pharmacology RAMS, Moscow, Russia.

Application of trazodon in pharmacotherapy in women-patients being alcoholics' spouses. T. NOWAKOWSKI, W. GRUSZCZYVSKI. Department of Psychiatry and Neurosis Disorders with Crisis Intervention Ward, Medical University, Lodz, Poland.

Cognitive functions and long-term potentiation after infusion of exogenous BDNF in ischemic rats. Kiprianova I, Sandkuhler J, Schwab S, Hoyer S, Spranger M. Department of Neurology, University of Heidelberg, Heidelberg, Germany.

Atypical use of atypical neuroleptics. C. Calvy, Monton Psychiatry Clinic, Canada.

2. Psychoneuroimmunology Symposium

NEUROBIOLOGY OF NEUROIMMUNE INTERACTION. V.M. Klimenko, Institute for Experimental Medicine, St. Petersburg, Russia.

DOES THE NEUROIMMUNE INTERACTIONS CHANGE AFTER SPLENECTOMY, AND HOW? V.A. Kulchitsky, Institute of Physiology, National Academy of Sciences, Minsk, Republic of Belarus.

The Protective action of Proline-rich polypeptide in β -amyloid induced neurodegeneration. Aghajyanov M.I., Vahradyan H.G., Sarkissyan J.S. Abrahamyan S.S., Galoyan A.A. Yerevan State Medical University, Institute of Biochemistry NAN RA, Yerevan, Armenia.

Morphological changes of rat brain in the course of acute stage of experimental hemorrhagic stroke. A.N.Makarenko., Yu.N. Anisimova., A.E.Kultchikov, Institute of Pharmacology and Toxicology, Kiev, Ukraine.

The use of cytogenetic methods to understand some mechanisms underlying psychoneuroimmunological effects of pheromonal stressors action in mice. E.V. Daev, B.P. Surinov, A.V. Dukelskaya, T.M. Marysheva. State University, Saint-Petersburg, MRSC RAMS, Obninsk, Russia.

Repeated mild stress during neonatal period induces in adult mice cell-mediated immune alterations which are prevented by naloxone. Loizzo A, Capasso A., Galiotta G., Loizzo S., Pacifici R, Renzi P, Spampinato

S., Zuccaro P. Istituto Superiore di Sanità, Rome, University of Salerno, Salerno, University of Roma La Sapienza, Department of Pharmacology, University of Bologna, Bologna, Italy.

Alteration of the neural cell adhesion molecule level in the hypothalamus under stress conditions. G.A. Ushakova, Division of International Center for Molecular Physiology NAS, Dnepropetrovsk National University, Dnepropetrovsk, Ukraine.

Immune complexes in patients with schizophrenia. S. S. Hakobyan, A.S. Boyajyan, Institute of Molecular Biology NAS RA, Yerevan, Armenia.

The Alzheimer disease epileptiform syndrom. A.N. Makarenko, E.R.Gasul, Institute of Pharmacology and Toxicology AMS, Kiev, Ukraine.

Effect of stress and impact of hypnosis on the psychophysiological-psychological parameters and on the activation of neutrophil granulocytes in humans. M. Keresztes, T. Rudisch Zs. Lajtos, I. Ocsovszki, J. Tajti, Z. Pető, L. Dux. Department of Biochemistry, Psychiatry Clinic, Neuropsychiatry Rehabilitation Unit, Neurology Clinic, University of Szeged; Szeged, Hungary.

Changes of psychoemotional status of the patients with the chronic hepatitis C during the course of interleukin-1beta therapy. Sokolova E.S., Kabanova V.I., Romanova E.S., Institute for Experimental Medicine RAMS, St.-Petersburg, Medical Academy of Postgraduate Education, St.-Petersburg, Russia.

PSYCHOTROPIC MEDICINES: INFLUENCE ON THE IMMUNE SYSTEM IN VIVO AND IN VITRO. S.A.Ivanova, V.Ya.Semke, T.P.Vetlugina, Mental Health Research Institute, Tomsk, Russia.

Immune and motor disorders of the offspring from female rats-ambidextreous following psychogenic stress. T. V. Avaliani, S. G. Tsikunov, N.K. Belobokova, R. P Ogurtsov, V. P. Puzyreva, V. G.Popov. Institute of Experimental Medicine RAMS, St.-Petersburg, Russia.

SOME INDICES OF PEROXIDE AND ENDOTOXIC PROCESSES IN LONG-TERM STRESS S.S. Terovsky, V.V. Potanina, M.M. Aksyonov, Mental Health Research Institute, Tomsk, Russia.

Glutamate modulates the cytokines activity in the central nervous system injury under experimental allergic encephalomyelitis. I.N. Abdurasulova, Y.L. Zitnukhin, V.M. Klimenko, Institute for Experimental Medicine RAMS, St-Petersburg, Russia.

Isoenzymes activity of lactatedehydrogenase of leukocytes in patients with adjustment disorder in the process of the treatment. M.V. Kuskov, Ya. Semke, Mental Health Research Institute, Tomsk, Russia.

ENHANCEMENT OF IL-1 β IN EARLY POSTNATAL ONTOGENESIS AS A POSSIBLE MODEL OF INDUCTION OF MINIMAL BRAIN DYSFUNCTIONS. O.E. Zubareva, A.P. Yelisejeva, A., A.S. Simbirtsev, V.M. Klimenko. Institute for Experimental Medicine, RAMS, State Company of High Pure Preparations, Acmeological institute, St-Petersburg, Russia.

FAS-RECEPTORS AND SPONTANEOUS APOPTOSIS OF LYMPHOCYTES IN PATIENTS WITH DEPRESSIVE DISORDERS. N.M.Rakitina, S.A.Ivanova, Mental Health Research Institute, Tomsk, Russia.

Intranasal IL-6 increases the severity of chemically-induced seizures in rats. A.V.Kalueff, K.A.Lehtimaki, A.Ylinen, J.Peltola, Medical School, University of Tampere, Department of Neurology and Rehabilitation, Tampere University Hospital, Tampere, Finland.

3. Molecular, cellular and systemic mechanisms of stress protection: Heat Shock Proteins (Symposium of the Problem Commission of the Russian Academy of Sciences on energy metabolism and thermoregulation)

Heat shock protein 70 kDa: the problem of functions recovery after stress. Iu.F. Pastukhov, I.V. Ekimova, M.V. Chernishov. I.M.Sechenov's Institute of the Evolutionary Physiology and Biochemistry, RAS, Saint Petersburg, Russia.

Nootropic-like activity of pYrazidol and bemithyl combination in brain injury. I.V.Zarubina, Yu.A.Lokachuk, A.G.Bekker, L.A.Pavlenko, P.D.Shabanov, Russian Military Medical Academy, St. Petersburg, Russia.

PSYCHOPHYSIOLOGICAL CHARACTERISTICS OF URGENT THERAPEUTIC PATIENTS ON THE PHASE OF FIRST MEDICAL CARE. N.A. Vasilyeva, V.N. Tzygan, A.F. Kim, M.T. Habibulin, Russian Military Medical Academy, St. Petersburg, Russia.

THE FUNCTIONAL CONDITION OF CENTRAL NERVOUS SYSTEM AT A HYPOBARIC HYPOXIA. V.N. Tsygan, N.V. Tsygan A.F. Kim, S.V. Mazur, P.D. Shabanov, Russian Military Medical Academy, St. Petersburg, Russia.

PATHOGENESIS OF POSTEXTREMAL SYNDROMES. V.N. Tsygan, K.N. Movchan, A.F. Kim, M.T. Habibulin, N.S. Kotik, Russian Military Medical Academy, St. Petersburg, Russia.

DEFENSIVE FUNCTION AND EXTREME ENVIRONMENTAL CONDITIONS. V.N. Tsygan, Russian Military Medical Academy, St. Petersburg, Russia.

LYMPHOGRANULOMATOSIS, IMMUNODEFICIENCY AND PERSISTENT HERPESVIRUS INFECTIONS. E.D. Sokolova, M.V. Titova, A.N. Molokova, I.V. Knyazkin, V.J. Nikitin, V.N. Tsygan, K.A. Nadein. Russian Military Medical Academy, St. Petersburg, Russia.

Social isolation as a model of depression. Shabanov P.D., Lebedev A.A., Roik R.O., Russanovsky V.V., Streltsov V.F. Military Medical Academy, St. Petersburg, Russia.

THE INFLUENCE OF NEUTROPHIL MICROBICIDAL PEPTIDES ON STRESS-INDUCED IMMUNOSUPPRESSION AND INTERLEUKIN-1 β PRODUCTION. D.S.Orlov, O.V.Shamova, E.E.Fomicheva, V.N.Kokryakov, V.A.Popova. Institute for Experimental Medicine RAMS, Center for Analytical Spectrometry, St. Petersburg, Russia.

Modern methods for detection of biologically active compounds. Orlov D.S., Sidorova A.A., Tveryanovich I.A., Shabanov P.D., Popova V.A. CKP Analytical Spectrometry, St. Petersburg, Institute for Experimental Medicine, St. Petersburg, Military Medicine Academy, St. Petersburg, Russia.

Erythropoietin effect on spinal cord injury in THE RAT. M.M. Odinak, N.V. Tsygan, Russian Military Medical Academy, Saint Petersburg, Russia.

Method of intranasal administration of nootropic drugs in treatment of chronic cerebral blood failure. Neuymina M.V., Pitsukha S.A. Veteran Administrative Hospital, St.Petersburg, Russia.

PROSPECTS OF A HEAT SHOCK PROTEIN (HSP70) APPLICATION IN TREATMENT AND CORRECTION OF THE NEUROLOGICAL DISEASES. A.A. Mokrushin, L.I.Pavlinova, A.Y. Plekhanov. Pavlov's Institute of Physiology RAS, Institute of Nuclear Physics RAS, Saint Petersburg, Russia.

The role of antioxidant system in gastroprotective action of Camomile (*Matricaria recutita* L.) oil extract in stress-induced stomach mucous ulceration. V.G. Makarov, M.N. Makarova, A.E. Alexandrova, V.E. Ryzhenkov. Interregional Center ADAPTOGEN, St. Petersburg, Russia.

EFFECT OF HSP70 kDa ON SOMATO-VISCERAL CHARACTERISTICS BEFORE AND AFTER THE STRESS. K.V. Lapshina, T.N.Mankovskaja, K.A. Hudik. I.M.Sechnov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia, Institute of Physiology NAS, Minsk, Byelorussia.

STRESS INFLUENCES ON PAIN SENSITIVITY RHYTHMS OF MICE WITH UNILATERAL LEAO'S SPREAD CORTICAL DEPRESSION. A.N.Kubynin, V.V.Mikheiev. Valdman Institute of Pharmacology, Pavlov Medical University, Military Medical Academy, St. Petersburg, Russia.

The route to the application of Hsp70 chaperone in the therapy of neurodegenerative diseases. Guzhova I.V., Novoselova T.S., Novoselov S. S., Margulis B.A. Institute of Cytology RAS, Saint-Petersburg, Russia.

IMMUNE STATUS OF PATIENTS WITH LOW EFFICACY OF ALLERGENS IMMUNOTHERAPY. B.J.Gumilevsky, V.N.Tzygan, O.P.Gumilevskaya. Russian Military Medical Academy, St. Petersburg, KDP AKI, Volgograd, Russia.

CYTOPLASMIC HUMAN HSPs 70kDa IN STRESS CONDITIONS AND ADAPTATION. Boykova A.A., Andreeva L.I., Nikiforova D.V., Shabanov P.D. Military Medical Academy, St. Petersburg, Russia.

NEUROTROPIC EFFECTS OF EXOGENOUS HEAT SHOCK PROTEIN 70 kDa. Andreeva L.I., Boykova A.A., Nikiforova D.V., Timonina N.A., Shabanov P.D. Military Medical Academy, St. Petersburg, Russia.

CORTICAL MECHANISMS OF MULTIPLE SCLEROSIS. Zakharova N.N., Lunin S.M., Zhadin M.N. Institute of Cell Biophysics of RAS, Pushchino, Russia.

4. I.P. Pavlov Symposium **“Neuroendocrinology, Neurochemistry and Biochemistry of Stress”**

CRH-ERGIC MECHANISMS OF POST-STRESS DEPRESSION DEVELOPMENT IN THE RATS ADOPTING ACTIVE AND PASSIVE BEHAVIORAL STRATEGIES. V.G.Shalyapina, E.A.Rybnikova, V.V. Rakitskaya, V.I.Mironova. Pavlov Institute of Physiology RAS, St. Petersburg, Russia.

Vitamin D and the Central Nervous System (Plenary lecture). P.Tuohimaa, A. Kalueff, Medical School, University of Tampere, Finland.

PINEAL GLAND, AGING AD CANCER: THE ROLE OF MELATONIN AND LIGHT-DARK REGIMEN. V.N. Anisimov, I.G. Popovich, M.A. Zabezhinsky, I.N. Alimova, D.A. Baturin, Petrov Research Institute of Oncology, St. Petersburg, Russia.

HORMONES AND THE TIME-STRUCTURE OF THE ORGANISM. M. P. Chernisheva, St.-Petersburg State University, Russia.

Contribution of GABA- A and B receptors in beginning and maintenance of sexual motivation in male mice. A.V.Amikishieva, Institute of Cytology and Genetics SD RAS, Novosibirsk, Russia.

ROLE OF 5-HT_{1B/2C} RECEPTORS ON THE DISCRIMINATIVE STIMULUS PROPERTIES OF AMPHETAMINE. D.N. Velazquez-Martinez, R. Cabrera, H. Sanchez, F. Miranda. Facultad de Estudios Superiores: Iztacala and Departamento de Psicofisiología Facultad de Psicología, Universidad Nacional Autónoma de México, México, Mexico.

The impact of stress anticipation in progesterone effects on absence epilepsy. E.A Tolmacheva, G. van Luijtelaar G, S.A. Chepurinov Biological Faculty, Moscow State University, Moscow, Russia; Nijmegen Institute for Cognition and Information, Department of Physiological Psychology, University of Nijmegen, The Netherlands.

Analysis of inter-regional ratios of neurotransmitter and receptor concentrations in brain. N.V.Bobkova, E.V.Gurevich, S.I.Kolupaeva, I.Y.Aleksandrova, E.Dana, R.Dana, Samokhin A.N. Institute of Cell Biophysics RAS, Pushchino, Russia; Committee for world health, Foothill Ranch, USA

BRAIN GALANINERGIC SYSTEM ACTIVITY IN DIFFERENT STRESS PARADIGM: THE ROLE OF GALANIN IN FORMING BEHAVIORAL STRATEGIES. V.I. Lioudyno, A.G. Pshenichnaya, I.N. Abdurasulova, S.G. Tsikunov, V.M. Klimenko. Institute for Experimental Medicine RAMS, St.-Petersburg, Russia.

The brain aminergic response to a sound stress, in normal and epileptic rats. I.S. Midzyanovskaya, G.D.Kuznetsova, E.McDonald, L.Tuomisto, Institute of Higher Nervous Activity and Neurophysiology RAS, Moscow, Russia, Department of Pharmacology and Toxicology, University of Kuopio, Kuopio, Finland.

A REVIEW OF PSYCHOTROPIC EFFECTS OF A NEUROSTEROID HORMONE VITAMIN D. A. Minasyan, A.V. Kalueff, P. Tuohimaa, Medical School, University of Tampere, Tampere, Finland.

STRESS AND EVOLUTIONARY PECULIARITIES OF NEUROCHEMICAL COMPENSATION IN THE ASCENDING ROW OF MAMMALS. T.N.Sollertinskaja, Sechenov Institute of Evolutionary Physiology and Biochemistry RAS, St. Petersburg, Russia.

The rat brain lysosomal cysteine cathepsin H participation in postoperational pain. O.L. Lyannaya, V.I. Chornaya, Dnepropetrovsk National University, Dnepropetrovsk, Ukraine.

Effects of early postnatal administration of the pineal hormone melatonin to audiogenic seizures of Krushinsky-Molodkina rats induced by acute acoustic stress. T.A. Savina, T.G. Shchipakina, Institute of Theoretical and Experimental Biophysics RAS, Pushchino, Russia.

The influence of prenatal stress on the rat brain proteolytic activity. V.I. Chornaya, O.L. Lyannaya, Dnepropetrovsk National University, Dnepropetrovsk, Ukraine.

SEROTONIN 5HT1A RECEPTORS IN RATS SELECTIVELY BRED FOR HIGH AND LOW AGGRESSIVENESS. V. S. Naumenko, I. F. Plyusnina, N. K. Popova, Institute of Cytology and Genetics SORAS, Novosibirsk, Russia.

Functional and biochemical characteristics of Wistar and august strain rats under stress influence. Khrustalyov D. A., Dovedova E. L., Popova N. S., Brain Research Institute RAMS, Moscow, Russia.

DELTA SLEEP-INDUCING PEPTIDE (DSIP) EFFECT ON BRAIN STRUCTURES OF AUGUST AND WISTAR RATS UNDER DOPAMINERGIC SYSTEM HYPERFUNCTION. SERGUTINA A.V., GERSHTEIN L.M. Brain Research Institute of RAMS, Moscow, Russia.

The effects of X-chromosome linked neuroendocrine system on human behavior and immune function. Zs. Valkusz, A. Juhász, A. Petri, J. Julesz, M. Radacs, M. Galfi, University of Szeged, Faculty of Medicine, Department of Endocrinology, Department of Psychiatry, Department of Surgery, Faculty of Juhasz Gyula Teacher Training College, Department of Biology, Environmental Sciences Team, Szeged, Hungary.

Altered spontaneous electric activity detected in rat motor neocortex after intranasal epitalon infusions. Frolov D.S., Sibarov D.A., Vol'nova A.B. St Petersburg State University, St Petersburg, Russia.

BEHAVIORAL AND MORPHOLOGICAL INVESTIGATIONS OF LONG-TERM EFFECTS OF PRENATAL SEROTONIN DEPLETION AND STRESS IN ADULT RATS IN THE FORMALIN TEST. I.P. Butkevich, L.I. Khozhai, V.A. Mikhailenko, V.A. Otellin, G.O. Kerkeshko, M.N. Leont'eva, I.P. Pavlov Institute of Physiology RAS, Institute of Obstetrics and Gynecology RAMS, St. Petersburg, Russia.

5. NeuroPsychophysiology symposium

THE MISMATCH NEGATIVITY IN CLINICAL RESEARCH. R. Naatanen, Cognitive Brain Research Unit, Department of Psychology, University of Helsinki, Helsinki, Finland.

CONTROL OF EMOTIONAL STATE AND PROGRAMMING OF DESTINY – FROM PAVLOV TO NLP. Yu.V. Scherbatykh, Moscow Humanitarian-Economical Institute, Voronezh branch, Voronezh, Russia.

Speech-sound-selective auditory impairment in children with autism. A. Shestakova, Department of Psychology, University of Helsinki, Finland.

P300 OF THE ACOUSTIC EVOKED POTENTIAL IN THE EARLY STAGES OF CONSCIOUS RECOVERY AFTER POSTTRAUMATIC COMA. L.B. Oknina, E.V. Sharova, O.S. Zaitsev, E.L. Masherov, M.A. Kulikov, Institute of the Higher Nervous Activity and Neurophysiology RAS, Burdenko Neurosurgery Institute RAMN, Moscow, Russia.

Long-term Mismatch Effect in the Visual Detection of Object's Size. A. Kaplan, E. Levichkina, Moscow State University, Biological Department, Moscow, Russia.

Diagnostic and Rehabilitation of Airport Dispatcher's Central Nervous System Functional Disturbances by Using Complex Psychophysiological Monitoring. N. Tolmacha, J. Porozovs, M. Greve, Postgraduate Medicine Education Institute of Latvian University, Riga, Latvia.

N200, P300 and anxiety level in unaffected sibs of patients with schizophrenia and psychiatry healthy subjects. I.S. Lebedeva, T.D. Savina, V.A. Orlova, N.I. Voskresenskaya, T.A. Solokhina, National Mental Health Research Center, Moscow, Russia.

Peculiarities of Interhemispheric Asymmetry in Addicts. A.Y. Egorov, T.V. Tihomirova, St. Petersburg State University, Institute of Special Pedagogic and Psychology, St. Petersburg, Russia.

Human diving reflex and resistance to hypoxia. Y.A. Chiligina, Saint- Petersburg State University, Saint- Petersburg, Russia.

Problems and Solutions in EEG Neuropsychopharmacology. An.A.Fingelkurts, Al.A.Fingelkurts, BM-Science – Brain & Mind Technologies Research Centre, Espoo, FINLAND.

Psychophysiological features of creative children (Buryat study). B.V.Socktoeva. Buryat State University, Ulan-Ude, Russia.

The Achievement of high dimensionality of musical performance ability by neurofeedback. O.M.Bazanova, A.V. Gvozdev, D. Shamteev, Institute of Molecular Biology and Biophysics SORAMS, Novosibirsk State Conservatory, Novosibirsk, Russia.

Altered Stress Response as a Possible Mechanism of Idiopathic Environmental Intolerance. Physiological Findings and Diagnostic Perspectives. E. Lyskov, K. Hansson Mild, M. Sandström, N. Kalezic, Z. Alexanyan, S. Medvedev, H. Johansson. Center for Musculoskeletal Research, National Institute for Working Health, Umea, Sweden, Institute of the Human Brain, RAS, St. Petersburg, Russia.

Effects of alpha- and beta- adrenoceptor antagonists on the theta rhythm in the hippocampal electroencephalogram in the awake rabbit. E.V. Kutyreva, V.F. Kitchigina. Inst. Theor. Exper. Biopsysics RAS, Pushino, Russia.

CORRELATION OF EEG SPECTRAL POWER WITH TRAIT ANXIETY AND IMPULSIVENESS. A. N. Savostyanov, G.G. Knyazev, E.A. Levin, State Researcher Institute of Physiology, SO RAS, Novosibirsk, Russia.

SPECIFICITY OF COGNITIVE AND MEMORY DISORDERS IN REMOTE TERMS AFTER IRRADIATION. L.A. Zhavoronkova, T.P. Lavrova, N.B. Kholodova, B.N. Ryzhov, Institute of Higher Nervous Activity and Neurophysiology RAS, Rentgenoradiological Center, Moscow State Pedagogical University, Moscow, Russia.

TYPE OF PERSONALITIES IS DETERMINANT IN SYSTEM PATHOLOGICAL REACTIONS AFTER LIGHT MECANICAL TRAUMA. Korovin A.E., Shanin V.Yu., Medical Military Academy, Saint-Petersburg, Russia.

Influence of hyperventilation on performance and fMRI data in visual-motor tasks: preliminary results. A.Kustubayeva, V.Vorobyev, S.Veser, T.Laine, H.Hämäläinen. Kazakh National University Al-Farabi named, Almaty, Kazakhstan; Centre for Cognitive Neuroscience, University of Turku, Turku, Finland; Institute of the Human Brain, RAS, St.Petersburg, Russia; Dresden University of Technology, Dresden, Germany.

Neural substrates of violent behavior in offenders with organic brain dysfunction: EEG and psychometric findings. A.V.Kirenskaya. Serbsky National Research Centre for Social and Forensic Psychiatry, Moscow, Russia.

Relative power of EEG upon essential oils perception. S.A. Kryzhanovskiy, I.G. Zima, M.Yu. Makarchuk, N.G. Piskorska, A.O. Cherninskyj, Kyiv National University, Kyiv, Ukraine.

PSYCHO-EMOTIONAL SELF-REGULATION IN SPORTSMEN BY EEG-ACOUSTIC FEEDBACK. Konstantinov K.V., Miroshnikov D.B., Stanislavskaya I.G., Kuznetsova V.A., Klimenko V.M. Institute for Experimental Medicine, Academy of Physical Culture, St. Petersburg, Russia.

Brain activation during olfactory placebo perception in humans. A. O.Cherninskyj, S.A.Kryzhanovskiy, I.G.Zyma, M.Ju.Makarchuk, N. G.Piskorska, National Taras Shevchenko University of Kyiv, Kyiv, Ukraine.

New analysis of the time reorganization of the ongoing EEG oscillations during the generation of the auditory P300 in schizophrenics. Rodionov V., Zislin J., Kfar Shaul Mental Hospital, Neurophysiologica Laboratory, Department of Physiology, The Hebrew University - Hadassah Medical School, Jerusalem, Israel.

Features of segmental structure of the EEG alpha activity in adolescents with schizophrenic spectrum disorders. S.V. Borisov, N.L. Gorbachevskaya, A.Ya. Kaplan, Moscow State University, RAMS Scientific Center of Mental Health, Moscow, Russia.

Right Dorsolateral Prefrontal Cortex Repetitive Transcranial Magnetic Stimulation in Post-Traumatic Stress Disorder: A double-blind, placebo-controlled study. Cohen H., Kaplan Z., Kotler M., Kouperman I.,

Moisa R., Grisaru N. Ministry of Health Mental Health Center, Faculty of Health Sciences, Ben-Gurion University of Negev, Beer-Sheva, Israel.

MAGNETOENCEPHALOGRAPHY (MEG): A NONINVASIVE TOOL FOR STUDYING OF CORTICAL EFFECTS IN PSYCHOPHARMACOLOGY. S. Kahkonen, BioMag Laboratory, Engineering Centre, Helsinki University Central Hospital; Cognitive Brain Research Unit, Department of Psychology, University of Helsinki, Finland.

6. Symposium on the Clinical issues of Biological Psychiatry

The role of territorial factor in the extreme situations. S.Sukiasyan, N.Manasyan, Center of Mental Health "Stress", Yerevan, Armenia.

Abnormality of working memory of patients with first-episode of schizophrenia. Working memory functions are active for only a short period of time. V. Mangubi, INSITE Research Center, Kharkov, Ukraine.

Different Factors in Development of Somatization Process. S.Sukiasyan, N.Manasyan, A.Babakhanyan, A.Kirakosyan, Center of Mental Health "Stress", Yerevan, Armenia.

EFFICIENCY OF ELECTROCONVULSIVE THERAPY IN SCHIZOPHRENIC PATIENTS WITH DELUSION-RELATED FOOD REFUSALS. A.G.Komissarov, Kazan State Medical Academy, Kazan, Russia.

The Clinical Subtypes of Obsessive-Compulsive Disorder. Mohammad Reza Sargolzaee, University of Medicine, Iran.

FREE-RADICAL MECHANISM OF STRESS AND ADAPTATION FOR THE PATIENTS CHRONIC CALCULOUS CHOLECYSTITIS IN CONDITIONS HYPERBAROOXYGENATION. T.A. Shustanova, E.A. Mstibovskaya, M.A. Burikov, E.V. Kutovaya. Rostov State Pedagogical University, Rostov State Medical University, Rostov-on-Don, Russia.

DIFFERENTIAL RESPONSE OF HYPERTENSIVE OR DIABETIC PATIENTS TO A RELAXATION PROCEDURE. D. Mercado, N. P. Caballero, L. G. Gomez, T. M. Lopez. Departamento de Psicología Experimental. Facultad de Psicología. Universidad Nacional Autónoma de Mexico, Mexico, México.

Managing children anxiety after intramuscular injection: Using nursing methods. Tootoonchi M, Aieen F, Davazdah Emami A. Nursing and Midwifery Faculty, Isfahan University of Medical Sciences. Isfahan. Nursing and Midwifery Faculty, Shahrekord University of Medical Sciences Shahrekord. IRAN.

Quality of life and social frustration of patients with Epilepsy. Mironova E.N., Regional Centre for Somnology and Epileptology, Kirov, Russia.

INFLUENCE of COMPLEX THERAPY ON NEURAL and immune SYSTEMs in PATIENTS WITH paranoid schizophrenia. v.g. podsevatkin, S.v. Kirjuchina, D.v. podsevatkin. Mordovian Psychiatric Hospital, Mordovian State University, Saransk, Russia.

COGNITIVE PERFORMANCE AND QUALITY OF LIFE IN THE ELDERLY. N.Bachinska, K.Poletayeva, N. Foygt, O. Borysenko. Institute of Gerontology AMSU, Kiev, Ukraine.

MILDRONATUM IN THE TREATMENT OF ALCOHOLISM. O.G. Syropjatov, N.A. Dzeruzhinskaja. East European Academy of Psychotherapy, Kiev, Ukraine.

The psychiatric aspects of aggression and violence against women who maintain relationships with partners diagnosed for alcohol dependence syndrome. T. NOWAKOWSKI, K. ZBORALSKI, P. GALECKI, M. MACANDER, P. SLIWKIEWICZ. Specialists Psychiatric Health Service Center (PHC), Department of Psychiatry and Neurosis Disorders with Crisis Intervention Ward, Medical University, Lodz, Poland.

Association of Alcohol Consumption and Demographic, Lifestyle and Psychosocial Predictors in Professional Soldiers. P. Galecki, A. Florkowski, K. Zboralski, T. Nowakowski, M. Macander, A. Joachimiak, Department of Psychiatry and Neurosis Disorders with Crisis Intervention Ward, Medical University, Specialists Psychiatric Health Service Center in Lodz, Lodz, Poland.

AIR ACCIDENTS AND THEIR INFLUENCE ON APPEARANCE OF EMOTIONAL AND SOMATIC DISORDERS. MACANDER M., TRUSZCZYNSKI O., FLORKOWSKI A., ZBORALSKI K., NOWAKOWSKI T., GALECKI P. Polish Air Force Institute of Aviation Medicine, Warsaw, Department of Psychiatry and Neurosis Disorders with Crisis Intervention Ward, Medical University, Lodz, Poland.

7. K.C.Montgomery Symposium

Experimental Models in Biological Psychiatry

New perspectives in the field of experimental modeling of anxiety and depression. A.V. Kalueff, Medical School, University of Tampere, Tampere, Finland.

Dissociation of the motivational systems as a key point for psychopathology (mechanisms of emotional-cognitive disturbances in experimental models). N.M. Khonicheva, M.G. Airapetyanc, Institute Higher Nervous Activity RAS, Moscow, Russia.

Effects of in ovo treatment with PACAP antagonist on olfactory memory formation in chicken. Jozsa R, Hollosy T, Reglodi D, Lengvari I. Department of Anatomy, Pecs University Medical Faculty, Hungary.

Signal-detection analysis of the discrimination task in stress condition. O.V. Vyazovska, Ruhr-Universität Bochum, Bochum, Germany.

EFFECTS OF FORCED SWIMMING AND STRATEGY OF BEHAVIOR ON STABILITY OF A MEMORY TRACE TO EXTINCTION AND AMNESIC INFLUENCE. L.V. Loskutova, N. I. Dubrovina, State Research Institute of Physiology SO RAMS, Novosibirsk, Russia.

Prenatal stress induces reduction in the volume of rat hippocampus without neuronal loss. M. Hosseini Sharifabad, J. R. Nyengaard, Yazd Medical University, Yazd, Iran, University of Aarhus, Aarhus, Denmark.

Behavioral abnormalities after unilateral intraatrial injection of quinolinic acid in a rat model of Huntington's disease. A. Tamas, D. Reglodi, A. Lubics, L. Szalontay, I. Lengvari. Department of Anatomy (Neurohumoral Regulations Research Group of the Hungarian Academy of Sciences), Pecs University, Pécs, Hungary.

Effects of monosodium glutamate treatment on neurological reflex performance, motor coordination and open-field behavior in neonatal rats. D. Reglodi, P. Kiss, A. Tamas, A. Lubics, L. Szalontay, M. Szalai, I. Lengvari. Department of Anatomy, Pecs University, Pecs, Hungary.

INVESTIGATION OF HIPPOCAMPAL FUNCTION WITH USE OF KAINIC ACID. Arkhipov V.I., Shevchenko N.A. Institute of Theoretical and Experimental Biophysics RAN, Puschino, Russia.

Possible influence of the pre-operational test stress on the rat recovery after the sharp damage of the brain trunk. Melnikov A.V., Kulikov M.A., Novikova M.R., Sharova E.V. Institute of High Nervous Activity and Neurophysiology RAS, Moscow, Russia.

ANIMAL MODELS OF DEPRESSION: LONG-TERM NEUROBEHAVIORAL EFFECTS OF EARLY LIFE ADVERSITY IN RATS AND MONKEYS. Feldon J, Rueedi-Bettschen D, Russig H, Dettling AC, Pryce CR. Behavioral Neurobiology Laboratory, Swiss Federal Institute of Technology Zurich, Switzerland.

Ultrastructural signs of epileptization of the nervous tissue developing in the anterior eye chamber of adult rats. Z.N. Zhuravleva, K.I. Zenchenko, E.V. Dubrovina, Institute of Theoretical and Experimental Biophysics RAS, Pushchino, Russia.

THE ROLE OF GENOTYPE IN STRESS-INDUCED INHIBITION OF SEXUAL MOTIVATION IN MALE MICE. E.G. Kuznetsova, M.A. Tibeikina, K.V. Osipov, T.G. Amstislavskaya, N.K. Popova, Institute of Cytology and Genetics SORAS, Novosibirsk State University, Novosibirsk, Russia.

THE WAG/Rij RAT MODEL OF CO-MORBID DEPRESSION AND ABSENCE EPILEPSY. K. Yu. Sarkisova, Institute of Higher Nervous Activity and Neurophysiology RAS, Moscow, Russia.

Effects of sensory, stress stimuli, neurotoxins and neurohormones on the audiogenic-sensitive rats. Morenkov E.D., Petrova L.P., Biology Dept, Moscow State University, Institute of Higher Nervous Activity and Neurophysiology RAS, Moscow, Russia.

INFLUENCE OF EARLY CORTICAL DAMAGE ON DEVELOPMENT OF LATERALIZATION OF NON-SKILLED MOTOR BEHAVIOR IN WHITE RATS. Erlikh M., Vol'nova A., Developmental Neurobiology Lab., A.A.Ukhtomsky Research Institute of Physiology, St. Petersburg State University, St. Petersburg, Russia.

Chronic neonatal mild stress induces long lasting alterations on peripheral nervous system programming in mice. Galietta G., Capasso A., Fortuna A., Fabi F., Del Basso P., Guarino I., Spampinato S., Loizzo A. University of Salerno, Salerno, Istituto Superiore di Sanità, Rome, Department of Pharmacology, University of Bologna, Bologna, Italy.

ELECTROPHYSIOLOGICAL STATE OF HIPPOCAMPUS AND INSTRUMENTAL LEARNING DEFICIT IN DIFFERENT TERMS OF EXPERIMENTAL HYPOKINESIA. Yeritsyan NB, Navasardyan GA, Matosyan SG. Department of Pathophysiology, Yerevan State Medical University, Yerevan, Armenia.

SOME ASPECTS OF RAT BEHAVIORAL ACTIVITY IN HYPOKINETIC STRESS. Navasardyan G, Grigoryan A, Safaryan K, Movsisyan S. Department of Pathophysiology, Yerevan State Medical University, Yerevan, Armenia.

CHRONIC STRESS INDUCES HYPERACTIVITY IN ANXIETY AND FORCED SWIM TESTS IN MICE: IMPLICATIONS FOR DEPRESSION MODEL. T. Strekalova, R.Spanagel, D. Bartsch, P. Gass, Zentralinstitut für Seelische Gesundheit, Mannheim, Germany.

ANALYSIS OF POSTISCHEMIC CHANGES OF WHITE RATS BEHAVIOR AFTER LONG-TERM CLINICAL DEATH. N.A. Gorenkova, I.V. Nazarenko, G.B. Lapa, G.I. Kovalev, A.V. Volkov. Institute of General Reanimathology RAMS, Moscow, Russia.

Prion or virino or just a small interfering RNA? Y.E. Karapetyan, Yerevan State Medical University, Yerevan, Armenia.

PARTICIPATION OF THE MEDIAL NUCLEI OF THE CEREBELLUM IN TIME PERCEPTION IN SECONDS TO MINUTES RANGE. D.N. Velazquez-Martínez, H. Sanchez-Castillo, A. Chavez, P. García R. Centeno, D. Mercado. Departamento de Psicofisiología Facultad de Psicología. Universidad Nacional Autónoma de Mexico. Mexico, Mexico.

Influence of infrared electromagnetic radiation of unthermal intensity, overwhelming the pathogenic microflora, on learning of stressed rats. Loseva E.V., Alekseeva T.G., Timofeyev I.V. Institute of Higher Nervous Activity and Neurophysiology RAS, Moscow, SRC VB "Vector", Koltsovo, Russia.

EARLY CHANGES IN THE TENTATIVE REACTION OF RATS OF DIFFERENT AGE IN DYNAMICS OF A SHARP COLD AFFECT. E.I. Kondratenko, O.G. Pozdnyakov, N. A. Lomteva, D.L. Teply, Astrachan State University, Astrachan, Russia.

INFLUENCE OF LONG-TERM TP-7 TREATMENT ON RATS BEHAVIOR IN REPEATED STRESS SITUATIONS. R. CZABAK-GARBACZ, B.CYGAN, L. WOLANSKI, G.WOJCIK, I.KOZLOVSKY, Chair and Department of Human Physiology, Medical University of Lublin, Lublin, Poland, Institute of Pharmacology RAMS, Moscow, Russia.

BEHAVIOR character of the OFFSPRING born to female Rats survived Psychogenic STRESS. N. K. Belobokova, T. V. Avaliani, O.R. Fedorova, N.S. Lazarenko. Institute for Experimental Medicine RAMS, St-Petersburg, Russia.

8. Symposium “Sleep and behavior”

Interaction of the GABA_A receptor agonist THIP with sleep homeostasis in mice. I. Tobler, C. Kopp, G. Bosch, Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland.

The dynamics of spindles and delta EEG activity during sleep in mice: interhemispheric coherence and effects of sleep deprivation. V. Vyazovskiy, P. Achermann, A.A. Borbely, I. Tobler. Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland.

Change of wakefulness-sleep cycle in rabbits following dimethyldipyrazole-selenid administration. Chichinadze O.N., Kosenko P.O., Shmalko N.Y. Rostov State Pedagogical University, Rostov-on-Don, Russia.

Neuronal activity in thalamus and the big hemispheres in rabbits during the slow sleep. Burikov A.A., Svetlova N.V., Chichinadze O.N., Chuguev O.I., Shmalko N.J. Rostov State Pedagogical University, Rostov-on-Don, Russia.

Behavioral and neurophysiological characteristics of a cycle activity-sleep of turtles. Burikov A.A., Sevostjanova M.V., Eryomenko E.A., Kosenko P.O., Balytskaja A.V. Rostov State Pedagogical University, Rostov-on-Don, Russia.

Influence of Ultram on integrative activity of the brain. I. Rukhadze, T. Basishvili, I. Gvilia, N. Darchia, M. Eliozishvili, N. Oniani, Department of Neurobiology of Sleep-Wakefulness Cycle, I. Beritashvili Institute of Physiology, Tbilisi, Georgia.

Effectiveness of Ivadal for the Treatment of Sleep Disturbances in Patients with Posttraumatic Stress Disorder. Sukiasyan S, Manasyan N, Babakhanyan A, Kirakosyan A. Centre of Mental Health "Stress", Yerevan, Armenia.

Chronic carotid occlusion and sleep in rodents. V.M. Kovalzon, V.V. Loginov, V.B. Dorokhov, G.N. Fesenko, Inst. Ecology and Evolution, Inst. Immunopathology, Inst. Higher Nervous Activity and Neurophysiology, RAS, Moscow, Russia.

The control of the Slow-Wave sleep development changes anxiety manifestations. E.V. Verbitsky, I.A. Topchiy, Kogan Research Institute for Neurocybernetics of Rostov State University, Rostov-on-Don, Russia, Washington State University, Pullman, WA, USA

Slow-Wave Sleep, Inter-System Interactions in the Brain and Anxiety. E.V. Verbitsky, Institute for Neurocybernetics, Rostov State University, Rostov-on-Don, Russia.

STRESS-INDUCED ALTERATIONS IN NEUROPHYSIOLOGICAL AND NEUROENDOCRINE CHARACTERISTICS OF SLEEP-WAKE CYCLE IN YOUNG RATS. Aristakesyan E.A., Kuzik V.V., Makina D.M., Oganessian G.A., Sechenov Institute of Evolutionary Physiology and Biochemistry, RAS, St-Petersburg, Russia.

THALAMOCORTICAL AND INTRACORTICAL RELATIONS IN STRESS AND SLEEP STATES. R.V. Yasenkov, A.A. Burikov, A.G. Sukhov, L.A. Konyahina. Rostov State Pedagogical University, A.B. Kogan Research Institute for Neurocybernetics, Rostov-on-Don, Russia.

Comparison of the hearing evoked potentials during disturbances of monotonous activity and spontaneous falling asleep. Dorokhov V.B., Verbitskaya Yu.S. Institute of Higher Nervous Activity and Neurophysiology, RAS, Moscow, Russia.

ON THE ROLE OF NITRIC OXIDE IN REGULATION OF SLEEP NEED. A.V. Kalinchuk, Dag Stenberg, P.A. Rosenberg, T. Porkka-Heiskanen, Institute of Biomedicine, University of Helsinki, Helsinki, Finland, Children's Hospital and Harvard Medical School, Boston, USA.

9. Special Symposium of C.I.A.N.S. (Collegium Internationale Activitatis Nervosae Superioris)

BULLYING AND AGGRESSIVE BEHAVIOR. F. Colombo, N. Iannaccone. ASL Citta di Milano, Servizio Famiglia, Infanzia, Eta Evolutiva, Milan, Italy.

Behavioral and electro-cortical measures of possible stressors. M. Elton, Department of Psychology, University of Amsterdam, The Netherlands.

Latest orientations offered by European Community and national laws to prevent, diagnose and treat stress-related disorders. M.G. Cassitto, S. Giordano, Institute of Occupational Health Clinica del Lavoro "L. Devoto", University of Milan, Milano, Italy.

NEURO-ENDOCRINE-IMMUNE CONSEQUENCES OF OLIVOCEREBELLAR DEGENERATION IN AN ANIMAL MODEL. F. Vozeh, M. Beranova, P. Sima, P. Mandakova, V. Stenglova, M. Virtova. Faculty of Medicine, Charles University, Pilsen, Institute of Microbiology, ASCR, University Hospital Motol, Prague, Czech Rep.

Changes of some brain functions after high-frequency electromagnetic field exposure. J. Barcal, J. Cendelin, I. Korelusova, V. Stenglova, F. Vozeh, V. Zalud. Charles University Prague, Faculty of Medicine Pilsen, Dept. of Pathophysiology, Czech Rep.

PANIC DISORDER: ELECTROPHYSIOLOGICAL DEMONSTRATIONS OF LOWER BRAIN STEM DISFUNCTION. F. Jagla, P.Kukumberg, M.Jergelova, Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, IInd Neurological Clinic, Medical Faculty, Comenius University, Bratislava, Slovakia.

Antipsychotics in the treatment of depressive episode and recurrent depression. I. Riecanaky, L. Vavrusova, M. Koníková. Ruzinov Hospital, Institute of Normal and Pathological Physiology, SAS, Bratislava, Slovakia.

The effect of red wine and non-alcoholic red wine poly-Phenolic extract on the behavior of normotensive and hypertensive rats: a comparative study. O. Pechanova, L. Horniakova, Z. Csizmadiova. Institute of Normal and Pathological Physiology, SAS, Bratislava, Slovak Republic.

Mind and cancer. Guzzi R., Bossa R., Masaraki S. Dept. of Psychiatry, Milan University, ASIPSE, Milan, Dept. of Psychiatry, Niguarda Ca' Granda Hospital Italian Society of Psychosocial Medicine, Milan, Italy.

Stress-induced gastric ulceration and activation of hypothalamic-pituitary-adrenocortical system: new insight of their interrelation. L.P.Filaretova, T.T.Podvigina, T.T.Bagaeva, P.Yu.Bobryshev, Laboratory of Experimental Endocrinology, Pavlov Institute of Physiology, RAS, St.-Petersburg, Russia.

Corticofugal modulation of the vago-vagal motor gastric reflex. V.Bagaev, S.Panteleev. I.P.Pavlov Institute of Physiology, St.-Petersburg, Russia.

COPING STRESS THROUGH MEDITATION. G.F. Goldwurm, S. Masaraki, D. Bielli, Scuola A.S.I.P.S.E. Milan School of Cognitive Behavioral Psychotherapy, Milan, Italy.

10. Symposium on the General issues in Biological psychiatry

POST-TRAUMATIC STRESS DISORDER AND THE CRIMINAL LAW. R.Slovenko, Wayne State University Law School, Detroit, USA.

Stress for the man in the eyes of geneticists. Damage of genome, individual sensitivity and genetic predisposition. F. Ingel, A.N.Sysin Research Institute of Human Ecology and Environmental Sciences RAMS, Moscow, Russia.

TechnoStress; the disease of the fourth wave. Al-Fudail M., Peterson D. Institute of Education, University of London, London, UK.

A model of cognitive approach to psychiatric disorders. D. Mikheyev, Higher School of Corporate Governance, the Academy of National Economy, Moscow.

Plenary lecture: Alcoholism. Alcoholological point of view in 2004. C. Calvy, Monton Psychiatry Clinic, Canada.

ABNOMAL BEHAVIOR – THE PRICE AND THE MODEL OF GENERAL ADAPTIVE SYNDROME IN CHRONIC STRESS. G.V.Talalaeva, T.V.Rogacheva. Institute of Ecology, UDRAS, Ural Medical Academy, Ekaterinburg, Russia.

YEARLY DINAMICS OF EPIGENETIC ORIGIN AND STRESS. A.I.Kutmin, V.N.Ivanitskii, Yu.V.Pustovitova. Tomsk State University of Architecture and Building, Tomsk, Russia.

V.M. BEKHTEREV AND BIOLOGICAL PSYCHIATRY. M.A. Akimenko. Psychoneurological Research Institute, St. Petersburg, Russia.

Possible link between Creativity and anxiety. Kutsenko T.V., Makarchuk N.E., Jashchuk K.N., Artikula

A.V., Kyiv National Taras Shevchenko University, Kyiv, Ukraine.

Model of depression based on the crucial conflict fear–aggression. M.V.Voronov, S.O.Grymblat, Interregional Academy of Personnel Management Kharkov institute, Kharkov, Ukraine.

Psychophysiological mechanisms of stress coping ability in ageing. G. Korobeynikov, Institute of Physical Culture and Sports, Kiev, Ukraine.