Welcoming Address from the President of WFSBP, 
World Federation of Societies of Biological Psychiatry

Dear Colleagues,

It is a great honour to have the opportunity to address the participants of the 7th Multidisciplinary Conference of Biological Psychiatry with a message from the World Federation of Societies of Biological Psychiatry.

As most of you know, the WFSBP is a worldwide organization with a congregation of more than 7000 psychiatrists dedicated to Biological Psychiatry. Although the majority of these psychiatrists are clinically oriented, we have a large number of qualified researchers within the neuroscience field. One of the WFSBP’s task is to promote the diffusion of updated knowledge amongst our members through congresses and educational activities. Another important vehicle of promoting scientific knowledge is the World Journal of Biological Psychiatry, distributed to 7000 of our members with a complimentary annual fee. The WFSBP is very proud to have amongst its members several psychiatrists from Russia. I am certain most of them are attending this Conference.

Biological Psychiatry is one of the fields that have achieved considerable and outstanding progress during the last twenty years, thanks to the research in molecular biology, genetics and neuroimaging. However, we should not forget that dealing with patients we have to start and finish from the clinic, and take into consideration that the main tool remains Psychopathology. For each doctor to go from Clinical Psychopathology to General Pathology (including Neuroscience) and then progress to therapeutics is the large task for the modern psychiatrists of today.

The Program for your Conference, which I received, predominantly represents the high quality level we should always support and promote. In this regard, I do congratulate the Conference organizers for the excellent scientific program for this Conference. I am certain you will all return from this Conference enriched by the knowledge gained and will be highly motivated by the progress being achieved in Biological Psychiatry. I wish you all the very best in Moscow at the Conference and enjoy the friendship with your colleagues and appreciate the knowledge gained in Biological Psychiatry.

Warmest regards,

Prof. Carlos Roberto Hojaij, President of WFSBP
Melbourne, Australia
CONFERENCE PROGRAM

Big Conference hall

26.2.2003
8.00  Conference registration
9.20  Conference opening ceremony. Welcoming address from the Conference Chair Dr. A.V.Kalueff
      Welcoming address from the Director of the Institute of Higher Nervous Activity
      and Neurophysiology Prof. I.A.Shevelev, Academician of RAS
      Welcoming address from the President of the Russian Society for BioPsychiatry
      Prof. O.G.Syropyatov

PLENARY LECTURES
10.00 Prof. G.N.Kryzhanovsky, Academician of RAMS. Pathological systems and behavioral disorders
10.30 Prof. S.B.Seredenin, Academician of RAMS. Neurochemical mechanisms of anxioselectivity
15.30 Prof. I.P.Lapin Anxiety, depression and alcoholism: neurokynurenine mechanisms

Symposia:
№ 1. Neuropsychopharmacology
№ 3. Experimental models

27.2.2003

PLENARY LECTURES
9.00  Prof. M.G.Airapetyanz. Microcirculatory hypothesis of pathogenesis of neurosis
9.30  Prof. M.M.Khananashvili, Academician of RAMS. Biologically positive informational stress
15.30 Plenary lecture of the Russian Society of Psychiatrists
      Prof. V.N.Krasnov, President of the Russian Society of Psychiatrists
      Neuropsychiatry as a modern period in the evolution of psychiatry

Symposia:
№ 4.  P.V.Simonov Memorial symposium “Emotions and behavior”
№ 5a. Psychophysiology (Part 1)
№ 6.  Symposium of the Russian Society for Biological psychiatry ”Biological aspects of therapy of psychiatric disorders”

28.2.2003

PLENARY LECTURES
9.30  Prof. M.B.Shtark, Academician of RAMS. Bio-regulation and stress-induced states
10.00 Prof. A.M.Vein, Academician of RAMS. Sleep and Medicine
10.30 Professor G. Siegel. Orexins and Sleep

Symposia:
№ 10. Sleep and behavior
№ 11. General questions and discussion.

Closing of the Conference.
The Russian Society for BioPsychiatry Young Investigator Diploma Awards
Announcing next, 8th Multidisciplinary RSBP conference “Biological Psychiatry of stress”
CONFERENCE PROGRAM

Small Conference hall

26.2.2003

14.00 Symposia:
№ 2. Clinical issues

27.2.2003

10.00 Symposia:
№ 7. Aggression, self-aggression and suicidology
№ 8. Neuropsychology (Parts I, II)
№ 9. The role of olfaction in animal and human behavior

28.2.2003

10.00 Symposia:
№ 5b. Psychophysiology (Part II) Aggression, self-aggression and suicidology
№ 12. Neurochemistry and neurophysiology of stress

SAUNA

27.2.2003

10.30 Satellite symposium
5th "Sauna" colloquium on Biological psychiatry “Olfaction and behavior”
Conference symposia oral presentations

SYMPOSIUM 1. NEUROPSYCHOPHARMACOLOGY
Chairs: T.A.Voronina, R.U.Ostrovskaya, S.A.Sergeeva (Moscow), I.P.Lapin (St-Petersburg), A.N.Makarenko (Kiev)

COGNITION ENHANCERS AND ANTIPSYCHOTICS: ARE THERE COMMON TARGETS FOR THE ACTION AND SIMILARITY IN THE NEUROREGULATORY MECHANISMS INVOLVED?
Ostrovskaya R.U, Moscow, Russia

MIKTAPINE: MECHANISMS OF ACTION, EFFICACY AND PROFILE OF PATIENTS FOR WHOM IT SEEMS TO BE A GOOD INDICATION
C.Calvy, Monston, Canada

OPPOSITE GABA INFLUENCE ON SEXUAL MOTIVATION IN STRESSED MALE MICE WITH ALTERNATIVE SOCIAL HISTORIES
Amikishieva A.V., Novosibirsk, Russia

COMPARISON OF DIAZEPAM INFLUENCE ON RABBITS’ BEHAVIOR IN SPONTANEOUS CONDITION AND STRESS
M.Chomicki, R.Czabak-Garbacz, B.Cygan, D.Zubrzycka, N.M. Konischeva, Lublin, POLAND, MOSCOV, RUSSIA

ANTISTRESS ACTION OF PROPROTEN
Voronina T.A., Sergeeva S.A., Molodavkin G.M., Epstein O.I., Dugina Yu.L., Moscow, Russia

DEPRESSIVE-LIKE FEATURES OF BEHAVIOR IN WAG/RJ RATS - CORRECTION BY ANTIDEPRESSANT IMIPRAMINE
K.Yu. Sarkisova, Moscow, Russia

ANTIDEPRESSANT ACTIVITY AND INTERACTION WITH MONOAMINOXIDASES OF THE NOVEL POTENTIAL ANTIPARKINSONIAN DRUG HEMANTANE
E.Valdman, G.Molodavkin, A.Medvedev, O.Buneeva, T.Voronina, Moscow, Russia

PROTECTIVE ROLE OF NOS INHIBITORS AGAINST NEUROTOXICITY EVOVED BY DRUG OF ABUSE AMPHETAMINE
V. Bashkatova, M. Kraus, H. Prast. Moscow, Russia; Innsbruck, Austria

TRIPEPTIDE FRAGMENT OF CORTICOLIBERIN SIMULATES CENTRAL ACTION OF THE WHOLE HORMONE
Makarenko K, Mart’ianov A. Moscow, Russia

EXPERIMENTAL MODELS OF BEHAVIORAL CONFLICT STATES IN FORECAST OF ANTISTRESS ACTION OF PEPTIDE DRUG SELANK
I.I.Koslovskyy. Moscow, Russia

“ADEMENT” IS A NEW EFFECTIVE REMEDY FOR ALZHEIMER’S DISEASE TREATMENT

THE EFFECT OF CHRONIC IMIPRAMINE TREATMENT ON THE 5-HT2A SEROTONIN RECEPTOR MRNA LEVEL IN THE BRAIN OF RAT STRAINS DIFFERING IN PREDISPOSITION TO CATALEPSY
Tikhonova M.A., Kulikov A.V., Barykina N.N., Kolpakov V.G., Popova N.K., Novosibirsk, Russia

MEXIDOL ACTION MECHANISMS IN EXPERIMENTAL STRESS AND TREATMENT OF ANXIETY DISORDERS
Voronina T.A., Avedisova A.S., Smirnova L.K., Babaev I.L, Smirnov L.D., Larentsova L.I., Nerobkova L.N.
Moscow, Russia, Baku, Azerbaijan
SYMPOSIUM 2. CLINICAL ISSUES

Chairs: A.P. Chuprikov, O.G. Syropiatov (Kiev)

NEW APPROACHES TO DIAGNOSTICS AND TREATMENT OF MULTIPLE SCLEROSIS
Zhadin M.N., Zakharova N.M., Lalin S.M. Pushino, Russia

ATTEMPT OF PSYCHODINAMIC ASSESSMENT OF PSYCHIC DISORDERS SYMPTOMS: CLINICAL CASE
Redchitz O.A., Mal’tzeva N.Yu., Tomsk, Russia

COMPARATIVE CLINICAL STUDY: MAIN PSYCHOLOGICAL FACTORS AND PSYCHOSOMATIC MECHANISMS IN DEVELOPMENT OF BRONCHIAL ASTHMA AND RHEUMATOID ARTHRITIS
Leschinskaya V.V. Novosibirsk, Russia

APPLICATION OF BIOSTIMULATOR “DR. REDOX RUG” AS A COMBINED METHOD OF BEHAVIORAL THERAPY AND NEEDLE REFLEX THERAPY IN PATIENTS WITH THE FUNCTIONAL ASTENY OF VARIOUS GENESIS
S.L. Bugrov, S.V. Kopishinskaya. Nizhny Novgorod, Russia

THE USE OF THE METHOD OF TRANSCRANIAL MICROPOLARIZATION DURING CORRECTIONS PROCESSES OF RETARDED MENTAL DEVELOPMENT OF THE CHILDREN

IMMUNOCHROMATOGRAPHIC EXPRESS-TESTS IN THE COMPLEX DIAGNOSTICS OF DRUG ABUSE IN THE ADOLESCENTS
Kryukovskyy S.Y., Moscow, Russia

METHOD OF DESENSIBILIZATION AND EYE MOVEMENTS PROCESSING AND ITS MODIFICATION IN PSYCHOTHERAPY OF PATIENTS WITH BURN INJURY
Polyanina D.A., Epifanova N.M., Smirnov S.V., Moscow, Russia

DYNAMICS OF VEGETATIVE STATUS AND CLINICAL MANIFESTATION AT THE PATIENT’S SCHIZOPHRENIA AT APPLICATION OF ELECTROCONVULSIVE THERAPY
A.G. Komissarov. Naberezhnie Chelni, Russia

MENTAL HEALTH OF THE ELDERLY PATIENTS WITH CARDIOVASCULAR DISEASES
O.G. Syropiatov, N.A. Dzeruzhinskaya. Kiev, Ukraine

SOME ASPECTS OF BORDERLINE NEURO-PsYCHIATRIC DISORDERS IN CHERNOBYL ATOMIC STATION DISASTER LIQUIDATORS
Rudnytskyy V.A., Semke V.Ya., Tomsk, Russia

THE MENTAL ADAPTATION OF THE MUCOVISCIDOSIS PATIENTS AND THEY MOTHERS
N.P. Vanchakova, A.Y. Lotockiy, E.A. Veselova
I.P. Pavlov State Medical Academy, Sankt-Peterburg, Russia

PSYCHOEMOTIONAL PECULIARITIES OF NEUROTIC CHILDREN AND JUVENILES
Allakhverdiev A.R., Kadyrova K.G., Khorunjeva Yu.A. Baku, Azerbaycan

INVESTIGATION OF EFFECTIVENESS OF HYPERBARIC OXYGENATION ON PSYCHIC AND IMMUNE STATUS OF SCHIZOPHRENIC PATIENTS
V.G. Podsevatkin S.V. Kirjuchina, Saransk, Russia
SYMPOSIUM 3. EXPERIMENTAL MODELS OF STRESS
Chairs: K.Yu.Sarkisova, N.M.Khonicheva, M.A.Deryagina (Moscow)

BEHAVIORAL AND NEUROCHEMICAL CONSEQUENCES
OF REPEATED EXPERIENCE OF AGGRESSION IN MALE MICE
N.N.Kudryavtseva. Novosibirsk, Russia

BEHAVIOURAL AND ELECTROPHYSIOLOGICAL PROPERTIES OF OUTBRED ALBINO RATS WITH DIFFERENT
EMOTIONAL REACTIVITY, SELECTED BY THE FORCED SWIMMING AND CONFLICT TESTS
G.M.Molodavkin, T.A.Voronina. Moscow, Russia

ZEBRAFISH: A NEW MODEL FOR STRESS RESEARCH
I.V.Zhdanova, Boston, USA

NEW MODEL OF DEPRESSION IN MICE
T.Strekalova, D. Bartsch, R.Sparangel and P. Gass. Mannheim, Germany

ARE THE ALGORYTHMIC PATTERNS AN ALTERNATIVE FOR SPATIAL WORKING MEMORY
IN RATS IN THE WATER RADIAL MAZE?
I.V.Ermakova, Moscow, Russia

ETHOLOGO-ACUSSIC STUDY OF STRESS IN UNVERTEBRATES
Knyazev A.N., Ivanov V.P., Akimov A.G. St-Petersburg, Russia

A WEAK MAGNETIC FIELD AS DEPRESSIVE-LIKE FACTOR
K.A.Nikolskaya Moscow, Russia

INFLUENCE OF PROBIOTIC PREPARATIONS ON THE LEARNING
AND GENERAL STATE OF RATS AFTER ACUTE ACOUSTIC STRESS
Alekseeva T.G., Loseva E.V., Timofeyev I.V. Moscow, Koltzovo, Russia

EEG IN STRESSED MR AND MNRA RATS WITH DIFFERENT EMOTIONALITY LEVELS
Seredenin S.B., Sviderskaya N.E., Kozhechkin S.N., Koshtoyants O.Kh., Kozechub R.G., Moscow, Russia

TAIL-FLICK METHOD TO REVEAL RESPONSES OF CNS UNDER PHARMACOLOGICAL INFLUENCE
Kondashevskaya M. V., Nikolskaya K. A. Moscow, Russia

THE INFLUENCE OF CHRONIC SITUATION STRESS ON PSYCHIC AND PHYSICAL INDEXES
OF RATS OF DIFFERENT AGES UNDER EFFECT OF CHRONIC IRRADIATION
E.N. Gorban, N.V. Topolnikova, D.V. Alekseev, Kiev, Ukraine

STUDIES OF AVERSE EFFECTS OF IONISING RADIATION AND STRESS
AND ITS CORRECTION POSSIBILITY WITH VITAMIN COMPLEX TREATMENT
E.V.Tukalenko, N.E.Makarchuk. Kiev, Ukraine

THE STATE OF RAT'S CONDITIONED DEFENSE-MOTOR REFLEX IN THE EARLY TERMS OF HYPOKINESIA
G. A. Navasardyan, N. B. Yeritsyan, Yerevan, Armenia

EFFECTS OF MM-ELECTROMAGNETIC WAWES ON ANIMAL ANXIETY IN EXPERIMENTAL MODELS
Bezrukov V.V., Gorban E.N., Holin V.A., Kozel-Stepanenko S.V., Kiev, Ukraine
SYMPOSIUM 4.

P.V.SIMONOV MEMORIAL SYMPOSIUM

“EMOTIONS AND BEHAVIOR”

Chairs: M.G.Airapetyants, G.Kh.Merzhanova, A.V.Kalueff, I.P.Levshina (Moscow)

INTRODUCTION
G.Kh.Merzhanova, Moscow, Russia

BIOLOGICAL BASIS OF HUMAN EMOTIONAL BEHAVIOR
M.A.Deryagina. Moscow, Russia

ANXIETY-DEPRESSIVE LIKE DISORDERS AS A RESULT OF MENTAL TRAUMA IN RATS
Tsikunov S.G., Klimenko V.M., Kusov A.G., Klyueva N.N., Denisenko A.D. Saint-Petersburg, Russia

NEUROCHEMICAL MECHANISMS OF EMOTIONAL AND MOTIVATION STATES ACTUALIZATION
Bazyan A. S., Orlova N. V., Folomkina A. A. Moscow, Russia

BIOLOGICAL BASIS OF THE “FOR THE BENEFIT OF SOMEONE” BEHAVIORAL TYPE: PECULIARITIES OF VEGETATIVE REGULATION COMPARING WITH THE “FOR MY OWN PURPOSES” TYPE
Khonicheva N.M. Moscow, Russia

THE ROLE OF HIPPOCAMPUS IN MANIFESTATION OF FEAR
V. Kostenkova, K. Nikolskaya. Moscow, Russia

STUDY OF ANXIETY IN ANIMALS: YESTERDAY, TODAY AND TOMORROW
A.V.Kalueff, Moscow, Russia, Tampere, Finland

DOPAMINE D4 RECEPTOR AND SEROTONIN TRANSPORTER PROMOTER IN THE DETERMINATION OF NEONATAL TEMPERAMENT: NOVELTY SEEKING IN TWO-WEEK OLD INFANTS
SYMPOSIUM 5A.

PSYCHOPHYSIOLOGY OF STRESS. PART I

Chairs: A.Ya.Kaplan (Moscow), M.E.Makarchuk (Kiev), Yu.V.Scherbatykh (Voronezh)

HOMO ANXIUS: IN THE SEARCH FOR HARMONY
A.Ya.Kaplan, Moscow, Russia

THE INTERRELATION OF ANXIETY, FEAR AND FRUSTRATION WITH AN ACTIVITY
OF PARASYMPATHETIC PART OF AUTONOMOUS (VEGETATIVE) NERVOUS SYSTEM
Scherbatykh Yu.V., Voronezh, Russia

MEASURING THE ALPHA RHYTHM
Vladimir Feshchenko, Robert Veselis, Ruth Reinsel, New York, NY, USA

IS MUSIC ANXIOLYTIC OR STRESSFUL FACTOR FOR WOMEN PROFESSIONAL MUSICIAN
DURING THE MENSTRUAL CYCLE?
O.M.Bazanova, Novosibirsk, Russia

NEUROPHYSIOLOGICAL PARAMETERS OF MILITARY CONFLICTS PARTICIPANTS UNDER REHABILITATION IN
SOCHI RESORT CONDITIONS
Rodionova Y.A., Bykov A.T., Gnedzitzky V.V. Sochi, Moscow, Russia

STRESS IN PATHOGENESIS OF THE CHRONIC MUSCLE PAIN
E. Lyskov, A. Greanshow, M. Djupsjöbacka, H. Johansson, Umeå, Sweden, St-Petersburg, Russia

GENERAL DISCUSSION. Part 1.
SYMPOSIUM 6.

SYMPOSIUM OF THE RUSSIAN SOCIETY FOR BIOLOGICAL PSYCHIATRY

BIOLOGICAL ASPECTS OF THERAPY OF PSYCHIATRIC DISORDERS
Chairs: Krasnov V.N., Mosolov S.N., Uzbekov M.G. (Moscow)

NEUROCHEMICAL PROBLEMS OF CONTEMPORARY BIOLOGICAL PSYCHIATRY
Kogan B.M. Moscow Russia

NATURAL NEUROTROPIC AUTOANTIBODIES AND PATHOLOGY OF THE NERVOUS SYTEM
Poletaev A.B. Moscow, Russia

NEW LOOK AT THE MECHANISMS OF ACTION OF ANTIDEPRESSANTS AFFECTING 5HT REUPTAKE
Uzbekov M.G. Moscow, Russia

THE ROLE OF ENDOGENOUS TOXICOSIS IN RESISTANCE TO PSYCHOPHARMACOTHERAPY IN SCIZOPHRENIC PATIENTS ANT THE WAYS FOR CORRECTION
Malin A.D. Moscow, Russia

REGRESSIVE SIGNS OF NEURONAL PLASTICITY IN ALTZHEIMER DISEASE AND SCIZOPHRENIA
Markova E.G. Moscow, Russia

MECHANISMS OF ENDOGENOUS SIDE EFFECTS IN NEROLEPTIC THERAPY
Gorobetz L.N. Moscow, Russia

PHARMACOKINETICS FORECAST OF NORMOTHIMIC THERAPY
Kuzavkova M.V. Moscow, Russia

QUANTITATIVE ELECTROENCEPHALOGRAPHY IN MULTIDISCIPLINARY STUDIES OF PSYCHIATRIC DISORDERS
Iznak A.F. Moscow, Russia

ELECTROENCEPHALOGRAPHIC STUDY OF THE NEW GENERATION OF ATYPICAL ANTIPSYCHOTICS IN SCIZOPHRENIC PATIENTS
Melnico and T.S., Sulimov G.U. Moscow Russia

NEUROBIOLOGY OF SICKNESS BEHAVIOR
V.M. Klimenko, St. Petersburg, Russia

PSYCHOEMOTIONAL CHANGES DURING BETAFERON TREATMENT OF PATIENTS WITH MULTIPLE SCLEROSIS
E.S. Sokolova, N.A. Totoljan*, V.M. Klimenko, St-Petersburg, Russia
SYMPOSIUM 7.

AGGRESSION, SELF-AGGRESSION AND SUICIDOLOGY
Chairs: N.N.Kudryavtseva (Novosibirsk), G.Ya.Pilyagina (Kiev)

NEUROBIOLOGICAL DETERMINANTS OF AGGRESSION
N.N.Kudryavtseva. Novosibirsk, Russia

NEUROBIOLOGICAL BASIS OF SUICIDALITY
Rozanov V.A. Odessa, Ukraine

THE PROBLEM OF EXPLORATORY PARADIGM IN SUICIDOLOGY
Pilyagina G., Kiev, Ukraine

SUICIDE RISK, AGGRESSION AND VIOLENCE IN MAJOR PSYCHIATRIC DISORDERS
Mousavi Seyed Ghafur, Tallaei Hamid, Isfahan, Iran

AGGRESSIVE BEHAVIOR IN TUVINIANS: DETERMINANTS AND PERSPECTIVES OF PREVENTION
Chukhrova M.G., Hasnulin V.I., Leschinskaya V.V., Hunan-ool A.S., Gulyaeva O.M., Udartevea T.L., Hunan A.S
Novosibirsk, Kysyl, Russia

SUICIDAL BEHAVIOR AND DEATH SELF SENSATION
V.A.Mangubi, Kharkov, Ukraine

GENEALOGICAL STUDY OF SCIZOPHRENIC PATIENTS AFTER SUICIDAL ATTEMPT
Ryshkakovskaya N.A., Lvov, Ukraine

ACQUIRED HELPLESSNESS SYNDROME IN VICTIMS OF DOMESTIC VIOLENCE
Yu.V. Onyshko, Kiev, Ukraine

COGNITIVE-BEHAVIORAL THERAPY IN PEOPLE AFTER EXTREME STRESS, INCLUDING THOSE WITH SELF-AGGRESSIVE BEHAVIOR
Bolotov D.M., Kharkov, Ukraine
SYMPOSIUM 8.

NEUROPSYCHOLOGY OF STRESS (PARTS I, II).
Chairs: A.B.Leonova, Dr. I.V.Blinnikova (Moscow)

THE MAIN THEORETICAL APPROACHES AND METHODOLOGY OF PSYCHOLOGICAL STRESS RESEARCH
Leonova A.B. Moscow, Russia

INDIVIDUAL DIFFERENCES OF DOMINATIVE SENSORY MODALITY
AS THE BASE OF SELF-REGULATION STRESS MANAGEMENT PROGRAMS
V.Barabanschikova, A. Kuznetsova. Moscow, Russia

DISSOCIATION STATES AND INDIVIDUAL FORMAL-DYNAMIC CHARACTERISTICS
Eputaev Ya.Yu., Ikonnikova M.B., Agarkov V.A., Tarabrina N.V. Moscow, Russia

COGNITIVE TASKS PERFORMANCE IN MILITARY PERSONNEL EXPOSED TO TRAUMATIC EVENTS
I.V. Blinnikova, E.A. Denisova. Moscow, Russia

GENDER-DEPENDENT BEHAVIOR OF PHYSICIANS IN STRESS
Ł.J. Maziarz, I.Furtak. Lublin, Poland

THE INFLUENCE OF MARITAL STATUS ON THE BEHAVIOR OF POLISH MIDWIVES UNDER STRESS CONDITIONS
Ł.J. Maziarz, B.Cygan, R.Czabak-Garbacz, J.W.Cjcik. Lublin, Poland

PROFESSIONAL STRESS AT THE INITIAL STAGES OF ORGANIZATIONAL TRANSFORMATIONS
Motovilina I.A., Moscow, Russia

PSYCHOLOGICAL FACTORS AND STRESS IN SECONDARY AND HIGHER EDUCATIONAL INSTITUTIONS FOREIGN
LANGUAGE TEACHERS
S.B.Velichkovskaya, Moscow, Russia

DETECTION OF FACIAL-EMOTION EXPRESSIONS AND “SENSITIVITY TO FEAR” IN MEN AND WOMEN
Smirnova O.V., Rebeko T.A., Nikitina E.P. Moscow, Russia

CHARACTERISTIC FEATURES OF PROFESSIONALS PSYCHOLOGICAL STATES USING COMPUTERIZED TOOLS
Mikhaleva S.P., Shirikaya M.Yu. Moscow, Russia

HIGHER PSYCHIC FUNCTIONS AND INTERPERSONAL RELATIONS IN 6-7 YEARS CHILDREN
WITH GENERAL UNDERDEVELOPMENT OF SPEECH AFTER PERINATAL CNS PATHOLOGY
Zahirina L.A., St-Peterburg, Russia
SYMPOSIUM 9.

THE ROLE OF OLFACTION
IN HUMAN AND ANIMAL BEHAVIOR
Chairs: E.P. Zinkevich, A.V. Kalueff (Moscow), N.E. Makarchuk (Kiev)

BIOLOGICAL AND SOCIAL ROLE OF HUMAN OLFACTORY SIGNALS
T.M. Dmitrieva, E.P. Zinkevich, Moscow, Russia

OLFACTION AND EMOTIONS
N.E. Makarchuk, A.V. Kalueff, Kiev, Ukraine

OLFACTORY SYSTEM AND ALZHEIMER DISEASE
Bobkova N.V., Nesterova I.V., Medvinskaya N.I., Aleksandrova I.Y., Samokhin A.N., Pushchino, Russia

ANXIOLYTIC AND IMMUNOPROTECTIVE EFFECTS OF AROMATHERAPY
T. Nevidimova, V. Semke, V. Vasilyev, T. Robenkova, A. Vasilyeva, Tomsk, Russia

DEVELOPING THE CONCEPTUAL APPARATUS IN THE AREA OF CHEMICAL COMMUNICATION
AND SEEKING ADEQUATE TERMINOLOGY
S.A. Ostroumov, Moscow, Russia
SYMPOSIUM 10. SLEEP AND BEHAVIOR
Chairs: V.M. Kovalzon, V.B. Dorokhov (Moscow)

MELATONIN AND SLEEP
I.V. Zhdanova, Boston, USA

INFUSION OF 2,4-DINITROPHENOL INTO THE BASAL FOREBRAIN PRODUCES LOCAL ENERGY DEPLETION AND INCREASES SLEEP

PSYCHOMOTORICAL TEST FOR INVESTIGATION OF PERFORMANCE LAPSES DURING THE FALLING ASLEEP
Dorokhov V.B. Moscow, Russia

SUBSTANCE P IS INVOLVED IN THE PRODUCTION OF THE REM SLEEP REBOUND OCCURRING AFTER AN IMMOBILISATION STRESS IN THE RAT
R. Cesplugio, B. El Kafi, C. Bonnet, Lyon, France

REGIONAL ASPECTS OF SLEEP REGULATION IN THE RAT
V.V. Vyazovskiy, A.A. Borbély, I. Tobler, Zurich, Switzerland

STRESS AND SLEEP
G.V. Kovrov, A.M. Vein, I.I. Levin, K.N. Strigin. Moscow, Russia

CHARACTERISTICS OF THE ACTIVITY-REST CYCLE IN NEWBORN CETACEANS (KILLER WHALES AND BOTTLENOSE DOLPHINS) AND THEIR MOTHERS
Lyamin O.I., Siegel J.M., Pryaslova U.A., Shpak O.V., Moscow, Russia

PSYCHOSOMNIC ASPECTS IN CHRONIC EMOTIONAL STRESS

COMPARATIVE ANALYSIS OF SLEEP DEPRIVATION AND PHOTOSTIMULATION ON THE SLEEP-WAKING CYCLE IN THE FROG RANA TEMPORARIA
E.A. Aristakesian, V.V. Kusic, D.M. Makina, I.V. Romanova, Saint-Petersburg, Russia

REORGANIZATION of SPATIO-TEMPORARY ORGANIZATION SPINDEL EkoG.
Burikov A.A., Verbitsky E.V., Andreeva E.V., Gurenko E.Y., Chichinadze O.N. Rostov on Don, Russia

NEURICHEMICAL MECHANISMS OF ANTISTRESS ACTION OF DELTA-SLEEP INDUCING PEPTIDE
P.E. Umryukhin, L.K. Pavlova, T.S. Pavlova. Moscow, Russia

PEPTIDE INTERPLAY AND RABBIT SLEEP
V.M. Kovalzon, G.N. Fessenko, Moscow, Russia

GENERAL DISCUSSION
SYMPOSIUM 11.

PHYLOSOPHICAL, GENERAL AND DISCUSSIONAL PROBLEMS OF BIOLOGICAL PSYCHIATRY

Chairs: Z.V.Kaganova (Moscow), G.A.Aminev (Ufa), O.G.Syropiatov (Kiev)

POSSIBLE BIOPHYSICAL MECHANISM OF THE EFFECT OF THE SOLAR ACTIVITY ON THE HUMAN CNS
G.A.Mikhailova. Troitsk, Russia

OVERVIEW: TO THE INDEFINITE THINKING: THE SUBMOLECULAR MARKERS.
TALENT AND BIOMEMBRANE. HOMOEDYNAMIC STIMULATION OF THE REFLEXIVE ANALYSIS.
NONLINEAR BAP-MODELS IN PRACTICE OF PSYCHOLOGICAL CONSULTATION.
PSYCHOLOGICAL SUBORDINATIONS OF THE EMOTIONALLY NEGATIVE AND POSITIVE TEXTS
G.A Aminev, E.G. Ainev. Ufa, Russia

OVERVIEW: RELIGION AND PSYCHIATRY
O.G.Syropiatov, Kiev, Ukraine

GERMENEVTICS AND PSYCHIATRY
Z.V.KAGANOVA. Moscow, Russia
SYMPOSIUM 5B.
PSYCHOPHYSIOLOGY OF STRESS. PART II

PSYCHOPHYSIOLOGICAL CONDITIONS TRENDS IN TENSE AND RELAX COMPUTER GAMES
Bazanova O.M., Grebneva O.L., Djafarova O.A., Lazareva O.Yu., Shitark M.B., Novosibirsk, Russia

EEG-CORRELATES OF THE ADAPTATION OF CEREBRAL PALSY CHILDREN HAVING AN INTACT INTELLECT

SUBJECTIVE WORLD DYNAMICS AS A CHANGE OF META-STABLE STATES
An. Fingelkurts, Al. Fingelkurts
Espoo, Finland, Moscow, Russia

AGING PECULIARITIES OF PSYCHOPHYSIOLOGICAL MECHANISMS OF INFORMATIONAL PROCESSING
G.V.Korobeynikov, Kiev, Ukraine

HIGH ANXIETY AND THYROID ABNORMALITIES IN SCHOOLCHILDREN
E.V.Verbitsky, I.A.Topchiy, V.A.Popova. Rostov-on-Don, Russia

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