

PROGRAM
INTERNATIONAL CONGRESS ON NEUROSCIENCE
(KRASNOYARSK, JUNE 19-21, 2014)

Date, time	Event		
18.06.2014 (Wednesday) 08:00-18:00	Registration. Mounting posters. Visiting laboratories and departments.		
19.06.2014 (Thursday) 09:00-12:00	<p style="text-align: center;">Workshop “Modern Technologies in Neuroscience” – I Place: University main building, 5th floor</p> <p>Co-chairs: <i>N.N. Medvedeva, E.A. Pozhilenkova</i></p> <p><i>Experience in using of Ugo Basile apparatus and IVC system (S. Boldirev, Farmbioline)</i></p> <p><i>Basics and principles of multiphoton microscopy and its application in modern neurobiology (D.L. Melnikov, Olimpus, Moscow)</i></p> <p><i>Super resolution optical systems: imaging beyond the diffraction limit) (P.A.Zykov, BioVitrum)</i></p>	<p style="text-align: center;">Master-class - I Place: University main building, 5th floor</p> <p>Co-chairs: <i>I.O. Loginova, Yu.V. Andreeva</i></p> <p><i>Neurocognitive technologies: opportunities of sensor complex U-senso and audiovisual complex Disnet (I.O.Loginova, S.M. Kolkova, Krasnoyarsk, Russia)</i></p> <p><i>Art-therapy in children with autism (G.V. Senchenko, Krasnoyarsk, Russia)</i></p> <p><i>Children with autistic syndrome: problem of chronic fatigue and psychosocial rehabilitation (Yu.V. Andreeva, Klaipeda, Lithuania)</i></p>	<p style="text-align: center;">Master-class - II Place: University main building, 5th floor</p> <p>Co-chairs: <i>N.A. Schnaider, O.V. Volkova</i></p> <p><i>Specific management of women of fertile age with epilepsy: problems of teratogenesis and their solving (D.V. Dmitrenko, Krasnoyarsk, Russia)</i></p> <p><i>Specificity of work with a psychosomatic patient: problems of maintenance and approaches to their solving (O.V. Volkova, Krasnoyarsk, Russia)</i></p>

<p>12:00-12:20</p>	<p>Opening Ceremony. Place: University main building, Assembly Hall (3rd floor)</p> <p>Welcome Address:</p> <p><i>Ivan P. Artyukhov, Rector, Krasnoyarsk State Medical University named after Prof. V.F. Voino-Yasenetsky (Krasnoyarsk, Russia)</i> <i>Sergey N. Illarioshkin, Vice-Director, Research Center of Neurology (Moscow, Russia)</i> <i>Vadim N. Yanin, Ministry of Public Health, Krasnoyarsk region (Krasnoyarsk, Russia)</i> <i>Haruhiro Higashida, Director, Research Center of Child Mental Development, University of Kanazawa (Kanazawa, Japan)</i></p>
<p>12:20-14:30</p> <p>12:20-13:00</p> <p>13:00-13:50</p> <p>13:50-14:30</p>	<p>PLENARY SESSION – I</p> <p>Place: University main building, Assembly Hall (3rd floor) Co-chairs: S.N. Illarioshkin, A.B. Salmina, H. Higashida</p> <ol style="list-style-type: none"> 1. <i>Opportunities and prospects for iPSCs application in neurodegenerative diseases (Sergey N. Illarioshkin, Moscow, Russia)</i> 2. <i>CD38, CD157, oxytocin, behavior and autism (Haruhiro Higashida, Kanazawa, Japan)</i> 3. <i>Cardiovascular control following SCI: from experimental models to patients bed (Andrei V. Krassioukov, Vancouver, Canada)</i> <p>14:30-15:30</p> <p>Lunch. Mini-symposia of life sciences laboratory equipment manufacturers. Place: University main building, computer class N 2 (2nd floor), Library Reading Hall (1st floor)</p>
<p>15:30-18:30</p>	<p style="text-align: center;">SYMPOSIA</p>

	<p>Alterations of brain development: from molecule to behavior. New approaches to the treatment of central nervous system diseases</p> <p>Place: University main building, Academic Council Hall (5th floor) Co-chairs: H. Higashida, O.L. Lopatina, H. Hirai</p> <p><i>From genes to environment: studying autism spectrum disorders (ASD) with computational systems biology (F. Zeidan Chulia, Porto Alegre, Brazil)</i></p> <p><i>Probing neural cells with carbon nanotubes: Implications for translational medicine (V. Parpura, Alabama, USA)</i></p> <p><i>Protective effect of new medical gas against Parkinson's disease (M. Noda, Fukuoka, Japan)</i></p> <p><i>Social stress and oxytocin release: molecular mechanisms and modulation (O.L. Lopatina, Krasnoyarsk, Russia)</i></p> <p><i>Assessment of autistic traits in patients with chronic neurological pathology (Yu. A. Pichugina, Krasnoyarsk, Russia)</i></p> <p><i>Role of extracellular matrix in homeostatic plasticity and development of epilepsy (I.V. Mukhina, Nijni Novgorod, Russia)</i></p> <p><i>Dopplerography in the assessment of cerebral blood flow in patients with paranoiac schizophrenia (M.A. Berezovskaya, Krasnoyarsk, Russia)</i></p> <p><i>Neuroimmunological changes in the Cstb^{-/-} mouse; a model for progressive myoclonus epilepsy (O.S. Okuneva, Krasnoyarsk, Russia, Helsinki, Finland)</i></p>	<p>Current technologies in Neurosurgery: Endoscopic and Functional Neurosurgery. Neurooncology. Neurovisualization and Neuromonitoring – I</p> <p>Place: University main building, Video conference Hall (3rd floor) Co-chairs: M. Chernov, A.O. Gushcha</p> <p><i>Proton MRS in brain visualization (M. Chernov, Tokyo, Japan)</i></p> <p><i>fMRI in glioma surgery (M. Tamura, Tokyo, Japan)</i></p> <p><i>Application of flexible endoscope for minimal invasive neurosurgery (A.O. Gushcha, Moscow, Russia)</i></p> <p><i>Endoscopic endonasal approach to the suprasellar lesions (Ya. Hayashi, Kanazawa, Japan)</i></p> <p><i>Endoscopic endonasal transsphenoidal surgery with using of neuronavigation system: experience with 125 patients (P.G. Rudenko, Krasnoyarsk, Russia)</i></p> <p><i>Brain monitoring by optical biopsy (V.V. Salmin, Krasnoyarsk, Russia)</i></p> <p><i>DNA-aptamers selected to glioma: prospects for application as diagnostics tools (M.A. Sukhovol'skaya, Krasnoyarsk, Russia)</i></p>	<p>Modern methods of brain protection, diagnostics and restoration of brain functions – I</p> <p>Place: University main building, Assembly Hall (3rd floor) Co-chairs: S.V. Prokopenko, O.S. Medvedev, V.P. Kulikov</p> <p><i>Neurobiological basis of neuromodulatory concept of drug action (R.V. Akhapiin, Moscow, Russia)</i></p> <p><i>Anxiety and depression: vector for optimization of therapy (interdisciplinary approach) (M.M. Petrova, Krasnoyarsk, Russia)</i></p> <p><i>Coenzyme Q10 as a neuroprotector in ischemic stroke and myocardial infarction: effects, kinetics, possible mechanisms (O.S. Medvedev, Moscow, Russia)</i></p> <p><i>Application of RNA probes in the assessment of mechanisms of neuroprotective action of BDNF in the model of normobaric hypoxia in vitro (M.V. Vedunova, Nijni Novgorod, Russia)</i></p> <p><i>Neuroprotective role of modulators of endogenous cannabinoid system in various forms of cerebral pathology (L.G. Khaspekov, Moscow, Russia)</i></p> <p><i>Mechanisms of hypercapnia potentiation of neuroprotective action of hypoxia (V.P. Kulikov, Barnaul, Russia)</i></p> <p><i>Assessment of carnosine efficacy within the nanocomplexes in the models of multifactorial oxidative stress in vitro and in vivo (T.N. Fedorova, Moscow, Russia)</i></p> <p><i>The role of pharmacogenetics in the prevention of unwanted drug valproate-induced effects from the CNS (N.A. Schnaider, Krasnoyarsk, Russia)</i></p>
<p>16:30-18:30</p>	<p>Seminar "Psychological, pedagogical and socio-medical aspects of rehabilitation in children with autism spectrum disorders "</p> <p>Place: University main building, Library Reading Hall (1st floor) Co-chairs: A.V. Chistokhina, E.A. Chereneva</p>		

	<p><i>Support in the socialization of preschool children with autism spectrum disorders (A.V. Chistokhina, A.S. Mayurova, Krasnoyarsk, Russia)</i></p> <p><i>Current approaches to psychological and pedagogical assistance for children and adults with autism (E.A. Chereneva, Krasnoyarsk, Russia)</i></p> <p><i>Autism and dolphin-therapy in Lithuania (Yu. V. Andreeva, Klaipeda, Lithuania)</i></p> <p><i>Formation of communication in children with ASD (N.V. Fedocenko, Krasnoyarsk, Russia)</i></p> <p><i>Correction of behavioral alterations in children with ASD (A.V. Ivanov, Krasnoyarsk, Russia)</i></p> <p><i>Prevention and correction of social deficits in children at the service of early influence (L.V. Vasilieva, Krasnoyarsk, Russia)</i></p> <p><i>Development of rehabilitation route at the commission at the City Children Hospital N 3 (Z.V. Berdnikova, S.Yu. Shulga, Krasnoyarsk, Russia)</i></p> <p><i>Art-therapy in rehabilitation of children with ASD: our experience (M.M. Ionina, Krasnoyarsk, Russia)</i></p>		
<p>20.06.2014 (Friday)</p> <p>10:00-12:40</p>	<p>PLENARY SESSION – II</p> <p>Place: University main building, Assembly Hall (3rd floor)</p> <p>Co-chairs: H.Takahashi, K. Slavin, A. Verkhatsky</p>		
10:00-10:30	1. <i>Choosing the optimal rehabilitation programs in CNS pathology (Semen V. Prokopenko, Krasnoyarsk, Russia)</i>		
10:30-11:20	2. <i>Neuropathology of Amyotrophic Lateral Sclerosis (Hitoshi Takahashi, Niigata, Japan)</i>		
11:20-12:00	3. <i>Functional neurosurgery (Konstantin Slavin, Chicago, USA)</i>		
12:00-12:40	4. <i>Physiology and pathophysiology of neuroglia (Alexei Verkhatsky, Manchester, UK)</i>		
12:45-14:00	Lunch. Young Scientists Competition (poster session). University main building.		
14:00-18:00	SYMPOSIA		
	<p>Cellular and molecular mechanisms of neuron-glia interactions and neurodegeneration</p> <p>Place: University main building, Academic Council Hall (5th floor)</p> <p>Co-chairs: I.V.Mukhina, M. Noda, T.G. Amstislavskaya</p> <p><i>Exocytotic glutamate release from astroglia in health and disease (V. Parpura, Alabama, USA)</i></p>	<p>Current technologies in Neurosurgery: Endoscopic and Functional Neurosurgery. Neurooncology. Neurovisualization and Neuromonitoring – II</p> <p>Place: University main building, Video conference Hall (3rd floor)</p> <p>Co-chairs: Ya. Hayashi, P.G. Rudenko, I.P. Grinev</p>	<p>Modern methods of brain protection, diagnostics and restoration of brain functions – II</p> <p>Place: University main building, Assembly Hall (3rd floor)</p> <p>Co-chairs: M.M. Petrova, A. V. Krassioukov, E.V. Grigoriev</p>

	<p><i>Modeling regulation of synaptic transmission in the tripartite synapse (V.B. Kazantsev, Nijni Novgorod, Russia)</i></p> <p><i>Molecular mechanisms and potential therapies of the spinocerebellar ataxia and the future perspective of the clinical application (H.Hirai, Gunma, Japan)</i></p> <p><i>Neuroinflammation and neurogenesis: glial control (A.B.Salmina, Krasnoyarsk, Russia)</i></p> <p><i>Possible role of microglial dysfunction in neurodegenerative disorders (M.Noda, Fukuoka, Japan)</i></p> <p><i>Acute brain inflammation and oxidative damage are related to long-term cognitive deficits and markers of neurodegeneration in sepsis-survivor rats (J.C.F. Moreira, F. Zeidan Chulia, Porto Alegre, Brazil)</i></p> <p><i>Comparison of the protective effects of diosgenin on behavioral and biochemical deficits in rats with hereditary defined or d-galactose-induced accelerated senescence (T.G. Amstislavskaya, Novosibirsk, Russia)</i></p> <p><i>Alterations of neurovascular unit in perinatal brain injury: molecular mechanisms and clinical implications (A.V. Morgun, Krasnoyarsk, Russia)</i></p>	<p><i>Gamma Knife radiosurgery (M. Chernov, Tokyo, Japan)</i></p> <p><i>DTI in glioma surgery (M. Tamura, Tokyo, Japan)</i></p> <p><i>Minimal invasive methods in the treatment of neuropathic pain (E.D. Isagulyan, Moscow, Russia)</i></p> <p><i>Relationship of recurrence with volume embolization rate after endovascular treatment of intracranial aneurysms (Y. Aida, Kanazawa, Japan)</i></p> <p><i>Selective frontomedial callosotomy in the treatment of drug-resistant epilepsy (D.Yu.Rogov, Novosibirsk, Russia)</i></p> <p><i>Stereotaxic technologies of brain modulation in the treatment of patients with alterations of voluntary movements and muscle tone. Siberian experience (E.G. Melidi, Novosibirsk, Russia)</i></p> <p><i>Peculiarities of cerebral blood flow in various types of cephalgia. Experience of transcranial US dopplerography in 1,300 patients (A.V. Kondratiev, Zheleznogorsk, Russia).</i></p>	<p><i>Autonomic dysfunctions and sexual health following SCI (A. Krassioukov, Vancouver, Canada)</i></p> <p><i>Algorithm of therapeutic hypothermia for neuroprotection in non-traumatic intracranial hemorrhages (E.V. Grigoriev, Kemerovo, Russia)</i></p> <p><i>Postoperative cognitive dysfunction in patients underwent coronary artery bypass grafting. Effects of statins (O.A. Trubnikova, Kemerovo, Russia)</i></p> <p><i>Changes in the bioelectric activity of brain cortex and cognitive status in patients with various severity of coronary arteries injury estimated with SYNTAX (I.V. Tarasova, Kemerovo, Russia)</i></p> <p><i>Psychopharmacology in the practice of a neurologist (G.M. Usov, Omsk, Russia)</i></p> <p><i>Gene therapy of Lateral amyotrophic sclerosis (M.N. Zakharova, Moscow, Russia)</i></p> <p><i>Nervous system damage in some orphan diseases (I.V. Demko, Krasnoyarsk, Russia)</i></p> <p><i>Predictors and consequences of perinatal hypoxic encephalopathy in children during 1st year of life (T.E.Taranushenko, Krasnoyarsk, Russia)</i></p> <p><i>Experimental spinal cord transection and its reconstruction based on bioengineering approach (I.N. Bol'shakov, Krasnoyarsk, Russia)</i></p> <p><i>Role of anxiety and depressive disorders in the development of disorders of hemostasis system in patients with acute coronary syndrome (M. S. Pilyugina, N.Yu. Shimokhina, Krasnoyarsk, Russia)</i></p>
<p>18:00-20:00</p>	<p>Workshop “Modern Technologies in Neurosciences” - II</p> <p>Place: University main building, 5th floor Co-chairs:A.V.Morgun, N.A.Malinovskaya, Yu.K.Komleva</p> <p><i>Confocal and multiphoton microscopy in neurobiology (B. Klyuch, "Nikon")</i></p> <p><i>Confocal and digital microscopy (preparation for the workshop-based on confocal microscope Olympus) (I. Oveshnikov, "Olympus Moscow")</i></p> <p><i>Analysis of cellular metabolism and bioenergetics in studies of development and treatment of neurodegenerative diseases (I.N. Demin, "BioKhimMak")</i></p> <p><i>Andor Revolution DSD2 System (S.S. Rimkevich, BioVitrum)</i></p>		

21.06.2014 (Saturday) 10:00-13:00	SYMPOSIUM
	<p style="text-align: center;">Modern methods of brain protection, diagnostics and restoration of brain functions - III</p> <p>Place: University main building, Video conference Hall (3rd floor) Co-chairs: A.I. Gritsan, D.V. Pokhabov</p> <p><i>Ventilator-associated pneumonia in stroke patients (A.I. Gritsan, Krasnoyarsk, Russia)</i></p> <p><i>Psychological and social factors in the assessment of prognosis and prevention of acute alteration of cerebral blood flow (S.Yu. Shtarik, Krasnoyarsk, Russia)</i></p> <p><i>Neuroprotective effect of pace-rhythm walking correction on the progression of Parkinson's disease (D.V. Pokhabov, Krasnoyarsk, Russia)</i></p> <p><i>Restoration of fine motor skills and cognitive functions after stroke: original approaches (E.Yu.Mozheiko, Krasnoyarsk, Russia)</i></p> <p><i>3D video analysis of movements for objective assessment of walking restoration (M.V. Abros'kina, Krasnoyarsk, Russia)</i></p> <p><i>Association of allele versions of AGT u CYP17A1 genes in stroke patients (I.M. Platunova, Krasnoyarsk, Russia)</i></p> <p><i>Psychological peculiarities and subjective assessment of health in different groups of patients (N.N. Vishnyakova, Krasnoyarsk, Russia)</i></p> <p><i>Autoaggressive behavior of HIV-infected patients with opium drug abuse in the conditions of social isolation (T.V.Korobitsina, Krasnoyarsk, Russia)</i></p> <p><i>Problems of harmonization of human vital resources and vital potential (V.B. Chupina, Krasnoyarsk, Russia)</i></p> <p><i>Rehabilitation on patients with CVA in acute period (N. Karatchinseva, Krasnoyarsk, Russia)</i></p>
13:00-14:30	Round-table discussion “Translational studies in Neuroscience: experience and prospects for collaboration» Co-chairs: I.P. Artyukhov, H. Higashida, A.B. Salmina, L.G. Khaspekov
14:30-15:00	Closing Ceremony. Yong Scientist Award Ceremony.

YOUNG SCIENTISTS AWARDS

Young Scientists Award named after Prof. Alexander A. Boldyrev (Basic Research in Neurosciences)		
1.	Yu.K. Komleva, Krasnoyarsk	Enriched environment and aging brain: molecular mechanisms of neuroprotection
2.	A.A. Logvinenko, Moscow	Role of oxidative stress in development of Parkinson's disease
3.	M.A. Tikhonova, Novosibirsk	Comparative study of brain activity in regions involved in perception and processing of socially or sexually significant odor stimulus in male rats with normal or accelerated senescence using fMRI
4.	P.P. Tregub, Barnaul	Hypoxia and hypercapnia.
5.	M.A. Belousova, Tokareva O.G., Moscow	Protective role of ubidecarenone in experimental ischemia-reperfusion brain injury
6.	Yu.E. Herbeck, Novosibirsk	Alterations in neurotransmitter receptors expression in the brain of rats selected on behavioral traits
7.	T.A. Sakharnova, Nijni Novgorod	TrkB signaling mechanism as a basis for implementation of antihypoxic and neuroprotective action of Brain-derived neurotrophic factor (BDNF) during normobaric hypoxia in vitro
Young Scientists Award named after Prof. Jun-Ichiro Hamada (Clinical Research in Neurosciences)		
1.	P.G. Shnyakin, Krasnoyarsk	Prognostic significance of subcortex-stem status in patients with hemorrhagic stroke
2.	A.M. Tarovskaya, Ondar V.S., Bobyleva V.N., Krasnoyarsk	CI-therapy in correction of walking in post-stroke patients
3.	A.A. Gasenkampf, Krasnoyarsk	Cerebral vasospasm in patients with aneurysm subarachnoidal hemorrhage
4.	A.V. Botov, Krasnoyarsk	Endoscopic assistance at ventral approach in the operative treatment of spinal trauma
5.	A.S. Kadachegov, Krasnoyarsk	Influence of comorbid somatic pathology on cerebral hemodynamics in women with paranoiac schyzophrenia
6.	O.S. Yukov, Krasnoyarsk	Hemodynamic alterations in patients with paranoiac schizoprenia with hereditary predisposition
7.	A.V. Kanashin, Krasnoyarsk	Our experience in the microsurgery of anterior cranial fossa basal meningiomas
8.	Y. Aida, Kanazawa, Japan	Dependence recurrence of intracranial aneurysms on volume endovascular embolization treatment