



ПРОГРАМА

НА

НАУЧНА КОНФЕРЕНЦИЯ

“НЕВРОНАУКИ – ОТ ТЕОРИЯТА ДО ЕКСПЕРИМЕНТА”

4 декември 2014, София

Научната конференция е посветена на 145 години от създаването на Българската академия на науките

9.00 Тържествено откриване на конференцията в заседателната зала на ИНБ-БАН, блок 23, IV км.

9.10 Научна сесия “НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ И НЕВРОТОКСИКОЛОГИЯ”

ПРЕДСЕДАТЕЛИ: Р. Калфин, Н. Лазаров

Доклади

9.10 **CHEMICAL NEUROANATOMY OF THE RAT CAROTID BODY** – D. Atanasova, N.Lazarov

9.25 **EXPERIMENTAL MODELS IN GLIOMA INVESTIGATIONS - ADVANTAGES AND PITFALLS** – R. Alexandrova, L. Dyakova, T. Zhivkova, R. Kalfin

Кратки устни съобщения

9.40 **PILOT STUDY OF PREVENTIVE EFFECT OF MYRTENAL ON MEMORY AND ACHE ACTIVITY IN AD EXPERIMENTAL MICE** – S. Dragomanova, L. Tancheva, Ch. Dishovsky, A. Georgieva, R. Kalfin, M. Georgieva, S. Stoeva

ACYLPEPTIDE HYDROLASE AS A BIOMARKER OF EXPOSURE TO ORGANOPHOSPHATES –V. Komsalov, S. Yanev, B. Pandova, V. Todorova

XANTHATES (DITHIOCARBONATES): HEAVY METALS CHELATION PROPERTIES AND BIOLOGICAL EFFECTS – T. Stoyanova, V. Todorova, S. Yanev

CAN ALPHA LIPOIC ACID BE USEFUL IN PREVENTION AND TREATMENT OF ALZHEIMER'S DISEASE? – A. Georgieva

PHARMACOLOGICAL EFFECTS OF CERTAIN FOOD ADDITIVES ON CNS – R.Klisurov, D. Tsvetkova, D. Obreshkova

10:10-10:30

П А У З А

10:30 Научна сесия “НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ И НЕВРОТОКСИКОЛОГИЯ” - продължение

ПРЕДСЕДАТЕЛИ: Я. Чекаларова, Л. Танчева

Д о к л а д и

10.30 EFFECTS OF ANGIOTENSIN SYSTEM ON SEIZURE ACTIVITY, BRAIN DAMAGE AND DIURNAL BEHAVIOURAL CHANGES IN THE KAINATE MODEL OF TEMPORAL LOBE EPILEPSY: LONG-TERM INTRACEREBROVENTRICULAR INFUSION OF ANGIOTENSIN II - N. Ivanova, D. Pechlivanova, D. Atanasova, R. Mitreva, N. Lazarov, J. Tchekalarova

10.45 EFFECTS OF ANGIOTENSIN SYSTEM ON SEIZURE ACTIVITY, BRAIN DAMAGE AND DIURNAL BEHAVIOURAL CHANGES IN THE KAINATE MODEL OF TEMPORAL LOBE EPILEPSY: LONG-TERM LOSARTAN TREATMENT - N. Ivanova, D. Pechlivanova, D. Atanasova, L. Kortenska, R. Mitreva, N. Lazarov, J. Tchekalarova

11.00 DESCENDING REFLEX MOTORITY OF COLONIC LONGITUDINAL MUSCLE – EXCITATORY AND INHIBITORY NEUROTRANSMITTER ACTIVITY IN RAT MODEL - G.Stavreva, Z.Gorcheva, R.Radomirov

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11.15 AT₁ RECEPTOR ANTAGONISM ATTENUATES KAINATE-INDUCED NORADRENALINE RELEASE BUT NOT SUSCEPTIBILITY TO STATUS EPILEPTICUS IN SPONTANEOUSLY HYPERTENSIVE RATS - J. Tchekalarova, I. Smolders

PHYSICAL EXERCISE PROGRAM IN SPONTANEOUSLY HYPERTENSIVE RATS IS PROTECTIVE AGAINST KAINATE-INDUCED EPILEPTOGENESIS - N. Ivanova, M. Shishmanova, K. Georgieva, R. Mitreva, J. Tchekalarova

EFFECT OF PINEALECTOMY ON ANXIETY AND DEPRESSIVE-LIKE BEHAVIOR IN WISTAR RATS - Z. Nenčovska, L. Kortenska, M. Stefanova, L. Alova, M. Atanasova, J. Tchekalarova

11.35–11.45

П А У З А

11.45 Научна сесия “НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ И НЕВРОТОКСИКОЛОГИЯ” – продължение

ПРЕДСЕДАТЕЛИ: И. Белчева, М. Генкова-Папазова

Д о к л а д

11.45 NEUROTOXICOLOGY STUDIES IN INSTITUTE OF NEUROBIOLOGY – S. Yanev

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12:00 SAFETY PHARMACOLOGY: NEW CHALLENGES FOR TESTING THE BIOLOGICAL ACTIVITY OF NEW DRUGS – S. Yanev

PHARMACOLOGICAL EFFECTS OF PHYTOADAPTOGENS AND OF THE ANTIOXYDANT COPLEX “NOVOMIN” IN A CASE OF VIGILANT COMA AFTER REPEATED BRAIN SURGERY BECAUSE OF MALIGNANT ASTROCITOMA – M.Genkova-Papazova

OXIDATIVE STRESS, FREE RADICALS, LIPID OXIDATION AND BIO-ANTIOXIDANTS – V. Kancheva

OXIDATIVE STRESS AND NEURODEGENERATIVE DISEASES - E. Tsvetanova, A. Alexandrova, A. Georgieva, G. Nenkova

12.25–13.30 Постерна сесия

ПРЕДСЕДАТЕЛИ: К. Стамболиева, Ю. Душанова

- 1. ROLE OF CANNABINOID CB1 RECEPTORS ON NOCICEPTION IN RATS WITH DEPRESSION-LIKE STATE – R. Tashev, M. Ivanova, I. Belcheva, S. Belcheva**
- 2. HIPPOCAMPAL LATERALIZATION IN COGNITIVE FUNCTION IN RATS – I.Belcheva, S..Belcheva, M. Ivanova, R. Tashev**
- 3. ESTERASE STATUS FOR DIAGNOSTICS AND PROGNOSIS OF OPC INTOXICATIONS - C. Dishovsky, G. Makhaeva, I. Kurochkin**
- 4. VISUAL FEEDBACK POSTUROGRAPHY AS AN EFFECTIVE METHOD OF VESTIBULAR REHABILITATION – M. Irikeva, K. Stambolieva**
- 5. VERP AMPLITUDE ATTENTIONAL MODULATION IN RESPONSE TO SELECTIVE S-CONE AND LUMINANCE STIMULI – Ch. Christova, K. Racheva, S. Georgiev, M.Mihajlova, I. Hristov, D. Mitov**
- 6. AGE-RELATED CHANGES IN BRAIN ACTIVATION DURING AUDITORY DISCRIMINATION TASK: EVENT-RELATED POTENTIAL STUDY – M. Christov, J.Dushanova**
- 7. COMPUTERIZED SYSTEM FOR PHYSIOLOGICAL AND PHARMACOLOGICAL RESEARCH – Ts. Totev**
- 8. BRAINBOW – AN AMAZING TECHNIQUE IN NEUROSCIENCE - S. Dimitrova, M. Dimitrova, K. Dankov**

13.30–14.00 – Обедна почивка

14.00 Научна сесия “НЕВРОФИЗИОЛОГИЯ”

ПРЕДСЕДАТЕЛИ: П. Василева, В. Григорова

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14.00 NORMAL HUMAN TYPES OF FOOT ARCHES AND STEADINESS OF STANDING BALANCE - K. Kirilova, P. Gatev

EFFECTS OF TRANSCUTANEOUS ELECTRICAL VAGUS STIMULATION ON THE SCALP EEG AND STEADINESS OF STANDING BALANCE - B. Dimitrov, P. Gatev

SIMILAR OR DIFFERENT EFFECTS OF GRATING LENGTH AND WIDTH? - I.Hristov, M. Mihaylova, D. Mitov

EFFECTS OF CENTER-SURROUND INTERACTIONS IN MOTION DIRECTION DISCRIMINATION - B. Genova, N. Bocheva, M. Stefanova

DOES PRIMING WITH AGE STEREOTYPES INFLUENCES ADAPTATION OF REACTIVE SACCADDES IN ELDERLY? - M. Ilieva, O. Bock, V. Grigorova

SACCADIC ADAPTATION TO DISPLACED VISUAL TARGET IN OLDER GLAUCOMA PATIENTS: A PRELIMINARY STUDY - V. Grigorova, P. Vasileva, S.Borisova, T. Hergeldzhieva-Fileva, M. Staneva, V. Miltenova

MICROPERIMETRY IN PATIENTS WITH CHOROIDAL NEOVASCULARIZATION AND IN PATIENTS WITH IDIOPATHIC MACULAR HOLE - D. Taneva, A. Georgieva, P. Vassileva, I. Shandurkov, M. Mihaylova, N. Strang, Gr. Lalov

STRUCTURAL AND FUNCTIONAL OCULAR FINDINGS IN PATIENTS WITH MULTIPLE SCLEROSIS - P. Sapundzhiev, D.Taneva, H.Krusteva, K. Naldzhieva, P. Vassileva, Y. Dokova

VISUAL DYSFUNCTION IN INDIVIDUALS WITH AUTISM SPECTRUM DISORDER: PERSPECTIVES FOR OVERCOMING DIFFICULTIES - B. Petrova, M.Mihaylova, E. Adjievska, P. Vassileva

NEUROPHYSIOLOGICAL BASIS FOR NORMATIVE VALUES ESTIMATION OF A TEST BATTERY STUDYING WRITING ABILITIES IN EARLY SCHOOL AGE - Y.Lalova, B. Dimitrov, A. Kalonkina

15:00 – 15:15

П А У З А

15:15 Научна сесия “ПСИХОФИЗИОЛОГИЯ ”

ПРЕДСЕДАТЕЛИ: В. Колев, П. Гатев

Д о к л а д и

15.15 PERFORMANCE FLUCTUATIONS: A SIGNATURE BEYOND EXECUTIVE CONTROL - J. Yordanova, V. Kolev

REDUCED INTER-REGIONAL SYNCHRONIZATION OF OSCILLATORY THETA NETWORKS DURING ERROR MONITORING IN AGING - V. Kolev, M. Falkenstein, J. Yordanova

Кратки устни съобщения

NEUROPHYSIOLOGICAL DEVELOPMENT OF COGNITIVE GENDER DIFFERENCES - P. Nanova, V. Kolev, J. Yordanova

SPATIAL FREQUENCY DISCRIMINATION AND THETA BRAIN ELECTRICAL ACTIVITY – St. Georgiev, Ch. Christova, D. Philipova, D. Mitov

16:00–16:15

П А У З А

16:15 Научна сесия “ПСИХОФИЗИОЛОГИЯ” – продължение

ПРЕДСЕДАТЕЛИ: Б. Димитров, Ю. Йорданова

Д о к л а д и

16:15 EXCESSIVE DAYTIME SLEEPINESS AND COGNITIVE DEFICIT – B. Dimitrov

DIFFERENT EFFECTS OF REM-SLEEP ON NEUROBEHAVIORAL FUNCTIONING IN CHILDREN WITH DEVELOPMENTAL PSYCHIATRIC DISORDERS COMPARED TO TYPICALLY DEVELOPING CHILDREN - R. Kirov, S. Brand, A. Rothenberger

Кратки устни съобщения

AUDIO-VISUAL ENTRAINMENT APPLICATION IN SMART ENVIRONMENT FOR USERS’ PSYCHOPHYSIOLOGICAL RESPONSE METHODOLOGICAL STUDY – Z.Minchev, P. Gatev

CEREBRAL PALSY – A CHALLENGE TO THE KNOWLEDGE, SKILLS, SOCIAL ATTITUDES AND COMMITMENT OF STUDENTS IN THE SPECIALTY OF “REHABILITATION”- D. Manova, M. Albert

17:00 Официално закриване на конференцията

Постерна сесия

Постерната сесия се провежда в помещението на Академичния център по невронауки, блок 23, етаж 2.

Постерите се качват за разглеждане от 8.30 до 10.30 часа. Авторите представят постерите в Постерната сесия от 12.25 до 13.30.