



**НАЦИОНАЛНА
НАУЧНА КОНФЕРЕНЦИЯ**

ПРОГРАМА

**14-15 ДЕКЕМВРИ 2023г.
София**

14 декември 2023г /четвъртък/

9:45-10:00 **Регистрация**

10:00 **ОТКРИВАНЕ НА КОНФЕРЕНЦИЯТА**

Научна сесия: НЕВРОФИЗИОЛОГИЯ

Модератор: доц. Надежда Бочева

10:00-10:25 **EXECUTIVE CONTROL SYSTEMS AND CONTEMPLATIVE BRAIN STATES**

Vasil Kolev, Peter Malinowski, Antonino Raffone, Juliana Yordanova

10:25-10:50 **NEUROPLASTICITY IN ATTENTIVE BRAIN STATES MODULATES NEUROPHYSIOLOGIC MECHANISMS OF PAIN PERCEPTION IN HUMANS**

Juliana Yordanova, Antonino Raffone, Peter Malinowski, Valentina Nicolardi, Vasil Kolev

10:50-11:15 **MODULATION OF EYE MOVEMENT CHARACTERISTICS BY PATTERN REGULARITIES**

Bilyana Genova, Nadejda Bocheva, and Ivan Hristov

11:15-11:40 **THE CASE OF MICROPLASTICS FROM THE PERSPECTIVE OF THE ONE HEALTH APPROACH: LITERATURE REVIEW**

Georgi Pramatarov, Madlena Andreeva, Elina Tsvetanova, Georgi Petrov, Lubomir Petrov, Albena Alexandrova

11:40-11:50 **Кафе пауза**

Постерна сесия

11:50-12:00 **SLEEP STATES AND THEIR DYNAMICS AS PROMOTERS OF SENSORIMOTOR AWARENESS**

Violeta Valkova, Vasil Kolev, Juliana Yordanova

12:00-12:10 **BRAIN ACTIVATION PATTERNS DURING AUDITORY SELECTIVE ATTENTION: ERP GENDER DIFFERENCES IN ADOLESCENCE**

Plamenka Nanova, Vasil Kolev, Juliana Yordanova

12:10-12:20 **MENTAL STRESS IS ASSOCIATED WITH DIFFERENT PHASES OF AUTONOMIC NERVOUS SYSTEM REACTIVITY**

Silvia Koumanova, Vasil Kolev, Juliana Yordanova

12:20-12:30 **GRANGER CAUSALITY IN THE FREQUENCY DOMAIN: APPLICATION TO ASSESS DIRECTIONAL CONNECTIVITY IN CONTEMPLATIVE BRAIN STATES**

Konstantin Bechkov, Vasil Kolev, Antonino Raffone, Juliana Yordanova

12:30-13:30 **Обедна почивка**

Научна сесия: НЕВРОАНАТОМИЯ, НЕВРОФАРМАКОЛОГИЯ

Модератор: проф. Яна Чекаларова

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- 13:30-13:55 **D-GALACTOSE AND ETHANOL-INDUCED MORPHOMETRIC CHANGES OF THE COLONIC MYENTERIC PLEXUS IN MOUSE MODELS OF AGING**
Nikolay Genov, Nikola Tomov, Nikolay Dimitrov, Lubomir Petrov, Elina Tsvetanova, Almira Georgieva, Albena Alexandrova, Nikolai Lazarov, Dimitrinka Atanasova
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- 13:55-14:20 **IN VIVO STUDIES OF NEW INDOLE HYDRAZIDE-HYDRAZONE HYBRID AS MULTITARGET AGENT FOR ALZHEIMER'S DISEASE**
Petya Ivanova, Desislava Krushovlieva, Jana Tchekalarova, Violina Angelova
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- 14:20-14:45 **THE ROLE OF NORADRENERGIC TRANSMISSION IN THE BASOLATERAL AMYGDALA FOR THE RETROACTIVE ENHANCEMENT OF INITIAL MEMORY CONSOLIDATION INDUCED BY PREDATOR ODOR EXPOSURE**
B. Peshev, P. Ivanova, D. Krushovlieva, L. Kortenska, P. Rashev, D. Atanasova, J. Tchekalarova
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- 14:45-15:10 **SEX-SPECIFIC NEUROBIOLOGICAL CHANGES IN TWO PRENATAL MODELS**
Tsveta Stoyanova, Zlatina Nenchovska, Desislava Krushovlieva, Milena Atanasova, Jana Tchekalarova
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- 15:10-15:20** *Кафе пауза*
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Постерна сесия

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- 15:20-15:30 **THE BENEFICIAL EFFECT OF THE GARDEN SNAIL HELIX ASPERSA EXTRACT ON INFLAMMATION IN AN EXPERIMENTAL RAT MODEL OF ALZHEIMER'S TYPE DEMENTIA**
Valya Grigорова, Petya Dimitrova, Maria Lazarova, Borislav Minchev, Pavlina Dolashka, Lyubka Tancheva, Reni Kalfin
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- 15:30-15:40 **EFFECTS OF NEWLY SYNTHESIZED PROLINE-CONTAINING TRIPEPTIDES ON ANGIOTENSIN I-INDUCED CONTRACTIONS OF ILEUM IN RATS**
Polina Mateeva, Petya Todorova, Boryana Yakimova, Ivanka Stoineva, Rositsa Zamfirova
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- 15:40-15:50 **RELATIONSHIP BETWEEN PHYSICO-CHEMICAL CHARACTERISTICS OF HUMAN BREAST MILK AND IDENTIFIED LACTIC ACID BACTERIA IN MOTHER'S BREAST MILK**
Stanimira Ivanova, Asya Asenova, Hristiyana Hristova, Antoaneta Lazarova, Dessislava Gyurova, Iliyana Rasheva
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15 декември 2023г /петък/

Научна сесия: НЕВРОФИЗИОЛОГИЯ, НЕВРОФАРМАКОЛОГИЯ

Модератори: проф. Яна Чекаларова и доц. Надежда Бочева

10:00-10:25	THE HAZARDS OF DEALING WITH RESPONSE TIME OUTLIERS Ivan Vankov
10:25-10:50	A CELL RESTING STATE AND INTERCELLULAR ENERGY TRANSFER AS A REFLECTION OF INTERACTION BETWEEN PUMPS AND ELECTROGENIC TRANSPORTERS Alexander G. Dimitrov
10:50-11:15	INFLUENCE OF WIDE FOCUS ATTENTION SEMANTIC PRIMING ON THE CHARACTERISTICS OF VOLITIONAL SACCADDES ON TWO GENERATIONS DURING EVALUATION DETAILED OF COLORFUL PHOTOS FORMING AESTHETIC PERCEPTIONS. Milena Staneva, Iliyana Sazdova

Постерна сесия

11:15-11:25	AGE-RELATED EMOTIONAL RESPONSES FOLLOWING PINEALECTOMY IN RATS Desislava Krushovlieva, Petj Ivanova, Zlatina Nenčovska, Gergana Toteva, Jana Tchekalarova
11:25-11:35	LONG-TERM ANTIHYPERALGESIC EFFECTS OF LOCALLY INJECTED HEMORPHIN IN A CARRAGEENAN-INDUCED RAT MODEL Dimo Angelov, Borislav Assenov, Daniela Pechlivanova
11:35-11:45	EFFECTS OF THE MICROPLASTICS ON THE GASTROINTESTINAL TRACT: LITERATURE REVIEW Yoanna Stefanova
11:45-12:00	Кафе пауза
11:45-12:00	НАГРАДИ и ЗАКРИВАНЕ НА КОНФЕРЕНЦИЯТА
