

## THE PROGRAM OF THE WORKSHOP

**Monday, 2<sup>nd</sup> December 2019**

**10.00 - 10.10 OPENING CEREMONY**

<b>Session A</b>
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**Chairpersons:**

**Prof. Radostina Alexandrova, PhD**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum,  
Bulgarian Academy of Sciences*

**Assoc. Prof. Andrey Tchorbanov, MSc, PhD**

*Institute of Microbiology, Bulgarian Academy of Sciences*

**Secretary: Boyka Andonova-Lilova, MSc**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences*

<b>AO1</b> 10.10 – 10.40	IN VIVO TOXICITY ASSAY AND ANTITUMOR ACTIVITY OF HEMOCYANINS ISOLATED FROM HELIX ASPERSA, HELIX LUCORUM AND RAPANA VENOSA IN EXPERIMENTAL GRAFFI MYELOID TUMOR MODEL IN HAMSTERS	Katerina Todorova, Ani Georgieva, Ivan Iliev, Valeria Dilcheva, Ivelin Vladov, Svetlozara Petkova, Reneta Toshkova and Pavlina Dolashka
<b>AO2</b> 10.40-10.55	Antitumor activity of Gastropodan hemocyanins in C-26 murine model of colon carcinoma	<b>E. Stoyanova</b> , I. Manoylov, N. Mihaylova, K. Idakieva, A. Tchorbanov
<b>AO3</b> 10.55-11.10	THE EFFECT OF ANTI-C1Q SCFV ANTIBODY THERAPY IN MURINE MODELS OF SYSTEMIC LUPUS ERYTHEMATOSUS	Silviya Bradyanova, Nikolina Mihaylova, Katerina Stoyanova, Yana Georgieva, Vancho Donev, Safa Mohedin, Nadezhda Todorova, Miroslav Rangelov, Ivanka Tsacheva <sup>2</sup> , Andrey Tchorbanov
<b>11.10 – 11.30</b>	Coffee – break	
<b>AO4</b> 11.30-11.45	ANTI-INFLAMMATORY EFFECT OF <i>CROCUS SATIVUS</i> EXTRACT EVALUATED IN MOUSE MODEL OF OSTEOARTHRITIS	<b>B. Boneva</b> , N. Mihaylova, N. Ralchev <sup>1</sup> N Ivanovska, A. Tchorbanov
<b>AO5</b> 12.45-12.15	The many faces of non-steroidal anti-inflammatory drugs	Radostina Alexandrova, Lora Dyakova. Crtomir Podlipnik, Melita Vidakovic
<b>12.15-12.30</b>	<b>Discussion</b>	
<b>12.30 – 14.00</b>	<b>Lunch break</b>	

**Session B****Chairpersons:****Prof. Radostina Alexandrova, MSc, PhD***Institute of Experimental Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences***Assoc. Prof. Julia Radenkova-Saeva, MD, PhD***Toxicology Clinic, UMHATEM "N.I.Pirogov", Sofia, Bulgaria***Secretary: Tanya Zhivkova, PhD**

<b>BO1</b> 13.30 – 14.00	Biological Activities of Novel Natural Deep Eutectic Solvents	Bela Vasileva, Boryana Trusheva, Hristo Petkov, George Miloshev, Milena Georgieva
<b>BO2</b> 14.00-14.15	Assessment of eco-genotoxic stress in <i>Mytilus galloprovincialis</i> caused by anthropogenic pollution	Penyo Ivanov, Lachezar Yakimov, Nesho Chipev, Milena Georgieva, George Miloshev
<b>BO3</b> 14.15 – 14.30	GENOTOXIC EFFECT OF BEE VENOM ON <i>SACCHAROMYCES CEREVISIAE</i>	Krasimir Boyadzhiev, Martin Dimitrov, Georgi Blazhev, Teodora Todorova, Stephka Chankova
<b>14.30 – 14.50</b>	<b>Coffee break</b>	
<b>BO4</b> 14.50-15.20	DIFFERENT RESPONSE OF TWO MODEL SYSTEMS TO THE ACTION OF ESSENTIAL OILS WITH PLANTS ORIGIN	Елена Зидарова, Петя Първанова, Мария Димитрова, Георги Дрончев, Теодора Тодорова, Мартин Димитров, Мария Йовкова, Стефка Чанкова
<b>BO5</b> 15.20-15.35	Genotoxic and mutagenic potential of chlorpyrifos on <i>Sacchromyces cerevisiae</i> and <i>Chlamydomonas reinhardtii</i>	Petya Parvanova, Teodora Todorova, Hilal Çavuş, Mariya Yovkova, Maria Dimitrova, Krasimir Boyadzhiev, Martin Dimitrov, Stephka Chankova
<b>BO6</b> 15.35-15.50	<b>NATURAL PRODUCTS WITH POTENTIAL APHICIDAL EFFECT</b>	Мария Йовкова, Петя Първанова, Мария Димитрова, Теодора Тодорова, Стефка Чанкова
<b>BO7</b> 15.50-16.20	: Остри интоксикации с кокаин – серия от случаи	Юлия Раденкова-Саева
16.20 16.35	<b>Discussion</b>	

Tuesday, 3<sup>rd</sup> December 2019

**Session C**

**Chairpersons:**

**Prof. Radostina Alexandrova, MSc, PhD**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences*

**Assoc. Prof. Reni Kalfin, MSc, PhD**

*Institute of Neurobiology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences*

**Secretary: Desislav Dinev, MSc**

*Institute of Neurobiology Experimental Morphology, Pathology and Anthropology with Museum, Bulgarian Academy of Sciences*

<b>CO1</b> 10.00 – 10.30	<b>Връзка между нивата на кръвната захар и риска от болестта на Алцхаймер</b>	Елена Иванова Иванова, Вера Иванова Кольовска
<b>CO2</b> 10.30 - 10.45	ВЛИЯНИЕ НА МИКРОБИАЛНОТО ЗАМЪРСЯВАНЕ ВЪРХУ КАЧЕСТВОТО НА ГОРИВАТА	В. Тотева, Д. Ангелова, Й. Йорданов
<b>CO3</b> 10.45-11.15		Яна Данаилова
<b>11.15 – 11.35</b>	<b>Coffee - break</b>	
<b>CO4</b> 11.35– 11.50	Регулация и употреба на хранителни добавки съдържащи коластра	Б. Хаджиева, Н. Колева, Д. Аргилашки, А. Михайлова, <u>Т. Димитрова</u>
<b>CO5</b> 11.50-12.05	<b>REGULATION AND USE OF NUTRITIONAL SUPPLEMENTS CONTAINING COLOSTRA</b>	B. Hadzhieva, N. Koleva, D. Argilashki, A. Mihaylova, T. Dimitrova
12.05-12.20	<b>Discussion</b>	

**Wednesday, 4<sup>th</sup> December 2019**

**Session D**

**Chairpersons:**

**Prof. Radostina Alexandrova, PhD**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum,  
Bulgarian Academy of Sciences*

**Secretary: Zdravka Petrova, MSc**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum,  
Bulgarian Academy of Sciences*

<b>DO1</b> 10.00 – 10.30	<b>IN VITRO ASSESSMENT OF ANODIC FILMS WITH DEPOSITED SILVER NANOPARTICLES</b>	Автори: R. Mancheva, <u>D. Kiradzhiyska</u> , V. Alexandrov, N. Milcheva, D. Mileva
<b>DO2</b> 10.30-10.45	Cytotoxicity and biocompatibility of hybrid polysaccharide/graphene oxide nanocomposites	Автори: <u>Dardana Manga</u> , Ivan Iliev, Svetozar Stoychev, Avgustina Danailova, Stefka Taneva, Tonya Andreeva
<b>DO3</b> 10.45-11.15	<b>COBALT-INDUCED ALTERATIONS IN SOLUBLE TRANSFERRIN RECEPTOR AND FERRITIN CONCENTRATION IN IMMATURE MICE</b>	<u>Y. Gluhcheva</u> , E. Petrova, E. Pavlova, A. A. Tinkov, O. P. Ajsuvakova, I. Vladov, P. Rashev, A. V. Skalny
<b>11.15 – 11.35</b>	<b>Coffee - break</b>	
<b>DO4</b> 11.35-11.50		Христо Христов
<b>DO5</b> 11.50 – 12.20		Здравка Петрова
<b>12.20– 12.35</b>	<b>Discussion</b>	

**Session E****Chairpersons:****Prof. Radostina Alexandrova, MSc, PhD**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum,  
Bulgarian Academy of Sciences*

**Prof. Anna Tolekova, MD, PhD**

Medical Faculty, Trakia University, Stara Zagora

**Secretary: Abedulkadir Abudalleh, MSc, PhD**

*Institute of Experimental Morphology, Pathology and Anthropology with Museum,  
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<b>EO1</b> 13.30 – 14.00	Изпитване ефективността на комбинации от етерични масла срещу акара <i>Varroa destructor</i>	Автори: д-р Делка Салкова, проф. д-р Калинка Гургулова, д-р Вера Попова
<b>EO2</b> 14.00-14.15	CLINICAL BASIS FOR THE USE OF MELATONIN TO COMBAT METABOLIC SYNDROME	Автори: Faria Shafkat, Bashir Mahamud, Ismail Ali
<b>EO3</b> 14.15-14.30	Effects of Silymarin on diabetes mellitus complications.	Syed Zainul Hassan, Faisal Saghir, Konstantinos Ypsilantis
<b>EO4</b> 14.30- 14.45	Oxidative stress in experimental diabetes type 1 in rats.	Stavros Gerasoudis, Krinal Patel, Sagal Abdullahi Hogolof
<b>14.45-15.05</b>	<b>Coffee - break</b>	
<b>15.05– 15.20</b>	<b>Discussion</b>	
<b>15.20 – 15.30</b>	<b>Closing remarks</b>	