

09:00	Opening remarks	
09:15	In memoriam of Prof. Jolanta Saczko - prof. Julita Kulbacka	
09:30	Julita Kulbacka & Vitalij Novickij	New modalities of electroporation for drug and gene delivery: MHz bursts versus contactless high magnetic fields prof. Vitalij Novickij
09:45		
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11:45	COFFEE BREAK & POSTER SESSION	
12:00	Bioluminescent Technologies for Studying Protein Biology and Cellular Responses PROMEGA	
12:15	Application of additive manufacturing in the production of medigummies for children Marta Cielas	
12:30	Studies of stem cell lysates in potential use as a factor regenerating nerve cells. Izabela Jęskowiak-Kossakowska	
12:45	The usefulness of amphiregulin and endocan for the assessment of the degree of inflammatory activity and fibrosis in non-alcoholic fatty liver disease. Grzebyk Ewa	
13:00	Decontamination of tetracycline from wastewater using magnetite-silica-polydopamine (Fe ₃ O ₄ -SiO ₂ -pda) nanocomposite Agnes Pholosi	
13:15	In vivo microscopy imaging of two model plants <i>Iris domestica</i> and <i>Scutellaria baicalensis</i> after Pulse Sylwester Ślusarczyk	
13:30	Helena Moreira & Dorota Bęben	
13:45	Helena Moreira & Dorota Bęben	
14:00	LUNCH BREAK & POSTER SESSION	
14:15	LUNCH BREAK & POSTER SESSION	
14:30	LUNCH BREAK & POSTER SESSION	
14:45	WORKSHOP	WORKSHOP
15:00	FLOW CYTOMETRY is a tool for multi-parameter analysis of a single cell	IMPEDANCE Real-time cell analysis
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16:15	WORKSHOP	WORKSHOP
16:30	FLOW CYTOMETRY is a tool for multi-parameter analysis of a single cell	IMPEDANCE Real-time cell analysis
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Anna Choromańska & Magdalena Kłoc	Ions, membranes and channels: from the quantum level to continuum modeling prof. Mounir Tarek	
	Strategic Pre-Treatment Planning for Electroporation-Based Biomedical Applications on Superficial Tumors Veronika Malyško-Ptašínské	
	Pulse Burst Compression for Calcium Electrochemotherapy of C57BL/6J carcinoma tumors Eivina Radzevičiūtė-Vaičiukė	
	Exploring the Impact of Electroporation-Induced Extracellular Vesicles on Melanoma Cell Biology Urszula Szwedowicz	
	Effect of natural NF-κβ inhibitors on normal muscle cells and tumor cells of muscle origin - in vitro Justyna Radzka	
	Elemental constituents of selected African medicinal plants for fibrosis tumor treatment Prof. Joe Modise	
	COFFEE BREAK & POSTER SESSION	
	COFFEE BREAK & POSTER SESSION	
	COFFEE BREAK & POSTER SESSION	
Agnieszka Chwilkowska & Zofia Łapińska	Nanomaterials and their applications in biochemistry and Environment in Asia Nguyen Viet Hoai, PhD	
	Isolation of <i>Pelargonium alchemilliodes</i> l'her active compounds Fanyana Mtunzi	
	Effect of Tau protein phosphorylation on the process of its adsorption on the neuronal membrane Kamil Rakowski	
	The analysis of the influence of selected factors on changes in α-synuclein structure Agnieszka Kamińska	
	Phytochemical screening of selected African medicinal plants identified for use against fibrosis tumor Gcobisa Manzane	
LUNCH BREAK & POSTER SESSION		
LUNCH BREAK & POSTER SESSION		
LUNCH BREAK & POSTER SESSION		
WORKSHOP	WORKSHOP	
QUANTUM DOTS Synthesis of water-soluble fluorescent quantum dots	ELECTROPORATION in vitro	
WORKSHOP	WORKSHOP	
QUANTUM DOTS Synthesis of water-soluble fluorescent quantum dots		

Iwona Bij-Liła & Urszula Szwedowicz	Hydrazones: simple yet powerful bioactive compounds Robert Kaplanek, PhD	
	The effect of calibration technique on the stability of liposomes in formulation against the infection progress of virus SARS-CoV-2 Olga Michel	
	Methods of mitigating of viruses FIV, FeLV AND SARS-CoV-2 Andrzej Korpacki	
	Fantastic γδ T cells and where (and how) to find them. Justyna Mączyńska	
	Innovative 3D-printed scaffolds with complex porosity for tissue engineering applications. Monika Lewandowska	
	Study of the reaction of benzyl alcohol with atomic chlorine Dariusz Sarzyński	
	Functionalized liposomes for targeted drug delivery Karolina Krajewska	
	COFFEE BREAK & POSTER SESSION	
	SOCIAL EVENT	
Closing remarks & Award ceremony		