

Monday 16.06				
9:00-9:10	Opening			
9:10-9:20				
9:20-9:30	Inauguration			
9:30-9:40				
9:40-9:50	1 dr hab. Ewelina Król, prof. UG	Chabowski Jakub	Laboratory of Recombinant Vaccines	Investigation of the N-glycosylation profile of the SARS-CoV-2 M protein
9:50-10:00	2 dr Lukasz Rgalski	Gariko Magdalena	Laboratory of Recombinant Vaccines	Implementation of Nanopore Sequencing for the Detection of Mutations in Alkaptonuria: A Molecular Analysis of the HGD Gene
10:00-10:10	3 dr Lukasz Rgalski	Jala Julia	Laboratory of Recombinant Vaccines	Optimization of production conditions for virus-like particles based on NDV in ExpiSf insect cells as a basis for developing a scalable production protocol
10:10-10:20	4 prof. dr hab. Bogusław Szewczyk, dr Beata Gromadzka	Wincek Katarzyna	Collaboration of Laboratory of Recombinant Vaccines and NaNoEXPO	Construction of hemagglutinin-based nanoparticles for the potential encapsulation of therapeutic mRNA
10:20-10:30	5 dr hab. Andrea Lipińska	Słomczewska Julia	Laboratory of Molecular Biology of Viruses	Fusion with DHFR as a model to study the effect of SARS-CoV-2 Nsp1 on the antigen presentation
10:30-10:40	6 prof. dr hab. Krystyna Bieńkowska-Szewczyk	Stemiczuk Wojciech	Laboratory of Molecular Biology of Viruses	Comparison of BHV-1 infection process in human and bovine fibroblasts
10:40-10:50	7 dr hab. Stanisław Oldziej, prof. UG	Różycka Alicja	Laboratory of Biopolymers Structure	Identification of protein amino acid sequence variants based on data derived from mass spectrometry measurements
10:50-11:00				
11:00-11:10	Coffe Break			
11:10-11:20				
11:20-11:30	8 dr hab. Rajmund Kaźmierkiewicz, prof. UG	Kruszyńska Anastazja	Laboratory of Biomolecular Systems Simulations	Simulation and analysis of conformational changes during dissociation of the CaM/CaMKI complex
11:30-11:40	9 dr hab. Michał Szymański, prof. UG	Dosz Rokšana	Laboratory of Structural Biology	Unique features of DNA polymerase P271 from bacteriophage v8_EtaS-271
11:40-11:50	10 dr hab. Michał Szymański, prof. UG	Majewska Klaudia	Laboratory of Structural Biology	Biochemical characterization of DNA Polymerase 568 from Salmonella phage v8_SenS-3
11:50-12:00	11 dr inż. Bartłomiej Tomiczek	Żurawek Michalina	Laboratory of Evolutionary Biochemistry	BLI-Fit: A Hybrid Computational Tool for Resolving Protein-Protein Interaction Dynamics (GA approach)
12:00-12:10	12 dr inż. Bartłomiej Tomiczek	Susół Jakub	Laboratory of Evolutionary Biochemistry	BLI-Fit: A Hybrid Computational Tool for Resolving Protein-Protein Interaction Dynamics (PINN approach)
12:10-12:20	13 dr hab. Paulina Czaplewska, prof. UG	Szatkowski Filip	Core Facility Laboratories	Identification of stroke hemorrhagic transformation biomarkers using mass spectrometry
12:20-12:30	14 dr Katarzyna Macur	Kudęła Paula	Core Facility Laboratories	Ultrasound-assisted LC-MS/MS quantitative analysis of tumor tissues from breast cancer patients
12:30-12:40				
12:40-12:50	Coffe Break			
12:50-13:00				
13:00-13:10				
13:10-13:20				
13:20-13:30	PhD Student Poster Session			
13:30-13:40				
13:40-13:50				
13:50-14:00				
14:00-14:10	15 dr Leszek Kadziński, dr Beata Gromadzka	Buczyński Marcin	Collaboration of Laboratory of Physical Biochemistry and NaNoEXPO	Bioengineering of Viral Proteins to Develop Nanostructures Based on Non-Enveloped Viruses for Biomedical and Industrial Applications
14:10-14:20	16 dr Grzegorz Góraliński	Oyarkovich Joanna	Laboratory of Biophysics	Potential interactions of zinc-finger nanoparticles with tetracycline
14:20-14:30	17 dr hab. Szymon Żętkiewicz	Gnaniowska Mała	Laboratory of Protein Biochemistry	Study of applicability of protein-level functional assessment of variants of unknown significance of human GLA gene suspected of involvement in Fabry's disease
14:30-14:40	18 dr Agnieszka Kłosowska	Petelski Gabriel	Laboratory of Protein Biochemistry	The influence of Microplastics on Protein Denaturation and Aggregation, and Their Inhibition of Chaperone-Mediated Refolding
14:40-14:50	19 prof. dr hab. Krzysztof Liberek	Małoleszy Maciej	Laboratory of Protein Biochemistry	The role of Class B I Domain Proteins in human Hsp70 chaperone disaggregation system
14:50-15:00	20 dr Krzysztof Gumowski, dr hab. Andrea Lipińska	Dolny Marcin	Polpharma Biologics SA	The Application of Protein A Membranes for the Purification of Therapeutic Antibodies: A purification process optimization and Economic Analysis
15:00-15:10	21 Dominika Czorniej, dr hab. Andrea Lipińska	Tarasjuk Alina	Polpharma Biologics SA	Development of platform approach to analytical method for confirmation of primary structure of monoclonal antibodies by LC-MS peptide mapping
15:10-15:20				
15:20-15:30	Coffe Break			
15:30-15:40	22 dr hab. Joanna Nakonieczna, prof. UG	Dukat Weronika	Laboratory of Photobiology and Molecular Diagnostics	Detection of genes encoding non-classical staphylococcal enterotoxins from strains isolated from patients with Atopic Dermatitis
15:40-15:50	23 dr Magda Rybicka-Misięko	Jackowska Stefania	Laboratory of Photobiology and Molecular Diagnostics	Genetic variability of patients with colorectal cancer undergoing neoadjuvant therapy
15:50-16:00	24 dr Magda Rybicka-Misięko	Richert Rozalia	Laboratory of Photobiology and Molecular Diagnostics	Somatic Mutations and Their Association with Clinical Features in Colorectal Cancer: Evaluation of a Novel In-House Mutation Detection Method Compared to a Commercial Assay
16:00-16:10	25 dr hab. Mariusz Grinholc, prof. UG	Książek Ewa	Laboratory of Photobiology and Molecular Diagnostics	Analysis of the occurrence of co-selection for antimicrobial blue light and other physical and chemical stressors in Escherichia coli
16:10-16:20	26 dr Agnieszka Bemat-Wójcikowska	Wesotowska Paulina	Laboratory of Photobiology and Molecular Diagnostics	Photobiomodulation in Murine Embryonic Cells: Effects of 630 nm red light on Stem and Somatic Cells in vitro
16:20-16:30	27 dr Agata Woźniak-Pawlikowska	Ruszkiewicz Dominika	Laboratory of Photobiology and Molecular Diagnostics	The influence of antimicrobial blue light on multidrug resistance of Escherichia coli strains producing extended spectrum beta-lactamases
Tuesday 17.06				
10:00-10:10	28 prof. dr hab. inż. Aleksandra Królicka	Dalecki Maksymilian	Laboratory of Biologically Active Compounds	In vitro cultures of Polish species of Drosera spp. as a source of biologically active compounds
10:10-10:20	29 prof. dr hab. inż. Aleksandra Królicka	Rudnicki Mateusz	Laboratory of Biologically Active Compounds	Development of an enhanced method for generating tetracycline-resistant Dickeya species mutants
10:20-10:30	30 dr Marta Potykus	Krawczyk Miłosz	Laboratory of Biologically Active Compounds	Beneficial GABA production by lactic acid bacteria in spontaneously fermented sourdoughs
10:30-10:40	31 dr Katarzyna Jasieniecka-Gazarkiewicz	Gackowski Adam	Laboratory of Plant Biochemistry	Characterisation of lipid mobilisation and the activity of lipases associated with oil bodies of Camelina sativa
10:40-10:50	32 prof. dr hab. Antoni Banaś	Melzer Zofia	Laboratory of Plant Biochemistry	Biochemical properties of lipases present in the oil body membranes of germinating Crambe abyssinica seeds
10:50-11:00	33 dr Weronika Babińska-Wiensierska	Kobierska Sandra	Laboratory of Physical Biochemistry	The relationship between the soil microbiota composition and the ability of the bacterial genera Dickeya and Pectobacterium to cause disease symptoms on potato plants
11:00-11:10	34 dr hab. M. Waleron, prof. UG	Zacharek Lidia	Laboratory of Plant Protection and Biotechnology	Development of methods for detection and monitoring of plant-pathogen interactions for the species Pectobacterium betavasculorum, coupled with a comprehensive characterisation of newly isolated environmental strains
11:10-11:20				
11:20-11:30	Coffe Break			
11:30-11:40				
11:40-11:50	35 dr hab. Dorota Krzyżanowska	Szatkowski Maciej	Laboratory of Plant Microbiology	Interactions between the core microbiome bacteria of maize and Pseudomonas donghuensis P482
11:50-12:00	36 dr Magdalena Rajewska	Pęczak Mikołaj	Laboratory of Plant Microbiology	Construction and phenotypic analysis of mutants in pili synthesis-related genes in Pseudomonas donghuensis strain P482
12:00-12:10	37 prof. dr hab. Michał Ouchowski	Macke Magdalena	Laboratory of Molecular Bacteriology	Change in gene expression pattern during social interactions of Bacillus subtilis and Dickeya solani
12:10-12:20	38 dr hab. Krzysztof Hinc	Radziszewicz Ewelina	Laboratory of Molecular Bacteriology	Natural activators of the lytic cycle of prophage ϕCDKH01 in Clostridioides difficile
12:20-12:30	39 dr hab. Krzysztof Hinc	Decewicz Magdalena	Laboratory of Molecular Bacteriology	Overproduction and purification of DNA polymerase from Clostridioides difficile prophage ϕ027
12:30-12:40	40 dr hab. Adam Iwanicki	Eichter Marika	Laboratory of Molecular Bacteriology	Expressive vector with bacteriophage endolysin
12:40-12:50	41 dr hab. Danuta Gutowska-Owsiak, prof. UG	Kosobucka Anieli	Laboratory of Experimental and Translational Immunology	Intracellular lipid exchange as a factor shaping the repertoire of CD1a antigens in the membranes of small extracellular vesicles
12:50-13:00				
13:00-13:10	Coffe Break			
13:10-13:20				
13:20-13:30	42 dr Małgorzata Stasiołć	Jacyno Mikołaj	Laboratory of Cell Biology and Immunology	Anticancer activity of secondary metabolites isolated from in vitro cultures of Reynoutria japonica
13:30-13:40	43 Prof. dr hab. Marcin Okrój	Lesiuk Kaja	Laboratory of Cell Biology and Immunology	Modified C2 protein as a competitive inhibitor of the classical complement pathway
13:40-13:50	44 Prof. dr hab. Marcin Okrój	Marcinkowska Oliwia	Laboratory of Cell Biology and Immunology	Assessment of CD20 protein levels and complement system inhibitors (CD46, CD55, CD59) on the membrane of cells treated with rituximab and NHS
13:50-14:00	45 Prof. dr hab. Marcin Okrój	Jarzębowska Daria	Laboratory of Cell Biology and Immunology	Determination of the ectodomain of the membrane complement inhibitor CD46 in cell supernatants and sera of healthy volunteers
14:00-14:10	46 prof. dr hab. Rafał Sądej	Żagłewska Aleksandra	Laboratory of Molecular Enzymology and Oncology	PARP Inhibitors and FGFR2 Signaling in ER+ Breast Cancer Cells
14:10-14:20	47 dr hab. Kamila Kłowska	Teresiak Szymon	Laboratory of Molecular Enzymology and Oncology	Loss of IRS-1 abrogates FGFR2-dependent resistance to anti-ER drugs in luminal breast cancer cells
14:20-14:30	48 dr Dominika Piasecka	Gajewska Marta	Laboratory of Molecular Enzymology and Oncology	The role of FGFR4 in the response of triple-negative breast cancers to PARP inhibitors
14:30-14:40	49 dr Dominika Piasecka	Grzybowska Agata	Laboratory of Molecular Enzymology and Oncology	The role of the interplay between FGF/FGFR and Hippo signalling in endocrine therapy resistance in luminal breast cancer
14:40-14:50				
14:50-15:00	Coffe Break and Award Decision			
15:00-15:10				
15:10-15:20				
15:20-15:30				
15:30-15:40	Award Ceremony			
15:40-15:50				
15:50-16:00				