

TUESDAY 6th June							
N	TIME	RESEARCH GROUP / AFFILIATION	SPEAKER	SUPERVISOR(S)	PRESENTATION TITLE	MODERATOR	
	9:00				CONFERENCE OPENING		
	9:00 - 9:15				Inauguration and speech by the Dean of IFB		
	9:15 - 09:45				“Small extracellular vesicles drive aberrant responses of T lymphocytes to lipid antigens in atopic skin” - Danuta Gutowska-Owsiak, MD, PhD, DSc		
1	9:50	Laboratory of Cell Biology and Immunology	Serafin Paweł	Patrycja Koszaka, PhD, DSc	"Role of CD73 (ecto-5'-nucleotidase) in the regulation of the tumour microenvironment in breast cancer progression"	Marcin Zakrzewski , MSc	
2	10:00	Laboratory of Cell Biology and Immunology	Szynkowski Patryk	Marcin Okrój, PhD, DSc	"Supplementation of Obinutuzumab with gain-of-function variant of C2 protein improves therapeutic efficiency"		
3	10:10	Laboratory of Cell Biology and Immunology	Żukowska Agata	Marcin Okrój, PhD, DSc	"Mutations in genes encoding complement proteins found in rare autodegenerative diseases"		
4	10:20	Laboratory of Cell Biology and Immunology	Kuryło Jacek	Marcin Okrój, PhD, DSc	"Anti-C4d antibodies as a potential immunotherapeutics"		
5	10:30	Laboratory of Molecular Enzymology and Oncology	Kawa Patrycja	Dominika Piasecka, PhD	"FGFR4-dependent response to PARP inhibitors in Triple Negative Breast Cancer cells"		
6	10:40	Laboratory of Molecular Enzymology and Oncology	Ochocińska Martyna	Kamila Kitowska, PhD	"Interdependence between FGFR2 signaling and the IRS-1 in response to anti-estrogen therapies in luminal breast cancer"		
	10:50-11:10	Coffee Break					
7	11:10	Laboratory of Molecular Enzymology and Oncology	Warszawski Alan	Rafat Sądej, PhD, DSc	"FGFR2 activity in regulation of AP1/ER interplay in luminal breast cancer"	Karolina Gackowska, MSc	
8	11:20	Laboratory of Virus Molecular Biology	Borysiak Maria	Andrea Lipińska, PhD	"The role of chaperone-mediated autophagy in SARS-CoV-2 infection"		
9	11:30	Laboratory of Virus Molecular Biology	Buklewska Kamila	Andrea Lipińska, PhD	"The immunomodulatory properties of the Nsp14 protein from SARS-CoV-2 virus"		
10	11:40	Laboratory of Virus Molecular Biology	Chmielewski Maksymilian	Katarzyna Grzyb, PhD	"Analysis of humoral response against HCV induced by DNA vaccination"		
11	11:50	Laboratory of Virus Molecular Biology	Misztal Martyna	Andrea Lipińska, PhD	"Studying Omicron mutations in structural proteins of SARS-CoV-2"		
12	12:00	Laboratory of Recombinant Vaccines	Dauhalevich Dzmityr	Łukasz Rąbalski, PhD	"Generation of stable cell lines capable of production of pigeon paramyxovirus type 1 (PPMV-1) proteins"		
13	12:10	Laboratory of Recombinant Vaccines	Miszke Klaudia	Ewelina Król, PhD, DSc	"Production of TBEV virus-like particles with stabilized E protein dimers as a potential vaccine antigen"		
14	12:20	Laboratory of Recombinant Vaccines	Paluch Natalia	Prof. Bogusław Szewczyk	"Nucleic acid binding protein complexes as potential antiviral vaccines"		
	12:30-13:00	Coffee Break					
	13:00-14:00				PHD STUDENTS POSTER SESSION		
15	14:10	Laboratory Of Translational Oncology	Wierbiłowicz Krzysztof	Natalia Bednarz-Knoll, PhD	"Phenotype Analysis of Prostate Cancers with BRCA1 Gene Aberrations"	Natalia Burzyńska, MSc	
16	14:20	Core Facility Laboratories	Kamysz Weronika	Katarzyna Macur, PhD	"Characterization of proteomic changes in plasma samples of CRC patients"		
17	14:30	Core Facility Laboratories	Biłik Wiktoria	Katarzyna Macur, PhD	"High resolution quantitative proteomic characterization of T lymphocytes"		
18	14:40	Core Facility Laboratories	Goik Dominika	Paulina Czaplewska, PhD, DSc	"What HIIT (High-intensity interval training) induced changes in a proteome can tell us about pregnant women's health? "		
	14:50-15:10	Coffee Break					
19	15:20	Laboratory of Molecular Biology	Mieczkowski Michał	Katarzyna Węgrzyn, PhD	"The importance of the interaction of plasmid Rep proteins with the E. coli DnaA protein in the initiation of plasmid DNA replication"	Zuzanna Hirsz, MSc	
20	15:30	Laboratory of Molecular Biology	Wołoszyn Jakub	Prof. Igor Konieczny	"Analysis of interaction of TrfA protein with the RK2 plasmid origin of replication in Pseudomonas putida cells during stringent response"		
21	15:40	Laboratory of Photobiology and Molecular Diagnostics	Markiewicz Patrycja	Magda Rybicka-Misiejko, PhD	"The effect of oleonic acid on human neuroblastoma cell line (SH-SY5Y)."		
22	15:50	Laboratory of Photobiology and Molecular Diagnostics	Kubiczka Marta	Joanna Nakonieczna, PhD, DSc	"Analysis of the effectiveness of the photodynamic method based on a new photosensitizing compound against ESKAPE group pathogens"		
23	16:00	Laboratory of Photobiology and Molecular Diagnostics	Król Magdalena	Joanna Nakonieczna, PhD, DSc	"Inactivation of Staphylococcus aureus biofilm using photodynamic method and new gallium ion modified porphyrin derivative"		
24	16:10	Laboratory of Photobiology and Molecular Diagnostics	Kamińska Kamila	Mariusz Grinholc, PhD, DSc	"Analysis of tolerance development to antimicrobial photodynamic inactivation using gallium-complexed porphyrin derivative in Staphylococcus aureus"		
WEDNESDAY 7th June							
25	9:00	Laboratory of Protein Biochemistry	Milcz Karolina	Szymon Ziętkiewicz, PhD, DSc	"Comparison of biochemical properties of wild type human glutamine synthetase and Δn17."	Beata Kruszewska-Naczka, MSc	
26	9:10	Laboratory of Protein Biochemistry	Bulczak Marek	Szymon Ziętkiewicz, PhD, DSc	"GLUL ΔN17 - from acquisition to testing of the heterogenic mixture of human GLUL protein and its pathologic variant expressed in the same cell."		
27	9:20	Laboratory of Evolutionary Biochemistry	Domański Przemysław	Bartłomiej Tomiczek, PhD	"Investigating amyloid-β42 recognition by J-domain proteins using computational thermodynamics"		
28	9:30	Laboratory of Evolutionary Biochemistry	Purzycki Dominik	Bartłomiej Tomiczek, PhD	"An ancient tale of two JDPs: The evolutionary journey from protein folding to preventing Alzheimer's disease"		
29	9:40	Laboratory of Protein Biochemistry	Sobczak Jacek	Agnieszka Kłosowska, PhD	"The role of Hsp90 chaperone in protein refolding from aggregates"		
30	9:50	Laboratory of Biopolymers Structure	Gapińska Ewa	Stanisław Oldziej, PhD, DSc	"Analysis of human follicular fluid in search of protein markers of oocyte developmental potential"		
31	10:00	Laboratory of Biopolymers Structure	Lewandowski Filip	Stanisław Oldziej, PhD, DSc	"Optimization of reduced capillary electrophoresis sodium dodecyl sulfate (rCE-SDS) for monoclonal antibody analysis" - in cooperation with Polpharma Biologics S.A.		
32	10:10	Laboratory of Biopolymers Structure	Stankiewicz Konrad	Stanisław Oldziej, PhD, DSc	"Peptidome composition of human saliva"		
33	10:20	Laboratory of Biophysics	Ganczar Konrad	Jacek Piosik, PhD, DSc	"Idarubicin – platinum nanoparticles interactions and their possible biological influence"		
34	10:30	Laboratory of Physical Biochemistry	Kowalczyk Anna	Leszek Kadziński, PhD	"Development and validation of a method indicating stability of carbocisteine in gastrointestinal tract and liver conditions."		
	10:40-11:00	Coffee Break					
35	11:00	Laboratory of Plant Biochemistry	Korczakow Wiktoria	Prof. Antoni Banaś	"Effect of overexpression of the gene encoding phospholipid:diacylglycerol acyltransferase (PDAT) on the content of fats, proteins and sugars in Arabidopsis thaliana plants"	Sara Kędzierska, MSc	
36	11:10	Laboratory of Plant Biochemistry	Rusakovich Lizaveta	Katarzyna Jasieniecka-Gazarkiewicz, PhD	"The impact of knock-out and overexpression of genes encoding acyl- CoA:lysophosphatidylethanolamine on the development of Arabidopsis plants under salt stress conditions"		
37	11:20	Laboratory of Plant Microbiology	Karpińska Aleksandra	Sylwia Jafra, PhD, DSc	"Identification of molecular determinants of bacterial adhesion to abiotic surfaces in Ochrobactrum anthropi"		
38	11:30	Laboratory of Plant Protection and Biotechnology	Adrjańska Alicja	Anna Ilnatowicz, PhD	"Characterization of Arabidopsis T-DNA mutants and overexpression lines of the CAX4 gene encoding the metal transporter, cultured under selected micronutrient deficiencies"		
39	11:40	Laboratory of Plant Protection and Biotechnology	Korolkiewicz Filip	Wojciech Śledź, PhD, DSc	"Examination of the applicability of MALDI-TOF MS for identification of soft rot Pectobacteriaceae in environmental analysis."		
40	11:50	Laboratory of Plant Protection and Biotechnology	Ostrowiech Aleksander	Małgorzata Waleron, PhD, DSc	"Comparative phenotypic and genetic characterization of Pectobacterium strains isolated from mono- and dicot plants."		
41	12:00	Laboratory of Plant Protection and Biotechnology	Smorański Kacper	Prof. Ewa Łojkowska	"Genomic and phenotypic profiling of Pectobacteriaceae strains isolated from various water sources"		
42	12:10	Laboratory of Biologically Active Compounds	Burzyński Robert	Robert Czajkowski, PhD, DSc	"TaqMan PCR-based method for quantitative detection of phages from Unalikevirus species"		
43	12:20	Laboratory of Biologically Active Compounds	Muszyńska Martyna	Aleksandra Królicka, PhD, DSc	"Toxicity of secondary metabolite mixtures from Drosera gigantea and identification of antimicrobial constituents"		
44	12:30	Laboratory of Biologically Active Compounds	Rugień Stanisław	Aleksandra Królicka, PhD, DSc	"Cultivation of selected species of Drosera in Plantform elicited, periodic-flooded cultures to eradicate Pseudomonas aeruginosa."		
	12:40-13:10	Coffee Break					
45	13:10	Laboratory of Experimental and Translational Immunology	Gajdowska Felicia	Danuta Gutowska-Owsiak, M.D., PhD, D. Sc.	"Small extracellular vesicles as a source of antigens for CD1a-mediated T cell responses"	Klaudia Szymczak, MSc	
46	13:20	Laboratory of Molecular Bacteriology	Engler Adrian	Adam Iwanicki, PhD, DSc			
47	13:30	Laboratory of Molecular Bacteriology	Krukowski Wiktor	Krzysztof Hinc, PhD, DSc	"Identifying plasmids in Clostridioides difficile"		
48	13:40	Laboratory of Molecular Bacteriology	Kulińska Małgorzata	Alessandro Negri, PhD	"Bacillus subtilis spore surface display of the tissue inhibitors of metalloproteinases"		
49	13:50	Laboratory of Molecular Bacteriology	Prusinowski Krzysztof	Alessandro Negri, PhD	"Analysis of social interactions between D.Solani and B.Subtilis mutant"		
50	14:00	Laboratory of Biomolecular Systems Simulations	Kępka Kacper	Rajmund Kaźmierkiewicz, PhD, DSc	"Prediction of the structure of the C-ring and the MS-ring of the Helicobacter pylori flagellar motor"		
51	14:10	Laboratory of Biomolecular Systems Simulations	Niznik Natalia	Rajmund Kaźmierkiewicz, PhD, DSc	"Kinesin movement details"		
52	14:20	Laboratory of Molecular Modeling / FoC UG	Winnicki Michał	Adam Sieradzian, PhD, DSc	"Designing and studying physicochemical properties of peptides and peptidomimetics blocking PD-1/PD-L1 complex formation"		
	14:30-15:00	Coffee Break and Award Decision					
	15:00-15:20				Award Ceremony		