

**NATIONAL ACADEMY OF UKRAINE INSTITUTE OF CELL BIOLOGY COUNCIL OF
YOUNG SCIENTIST**

UNIVERSITY OF RZESZÓW

CONFERENCE OF YOUNG SCIENTISTS

Program

According: UTC +3, Eastern European Summer Time (EEST)



May 25, 2023

Lviv

Evaluation Committee

Chair: Prof. Dr. Sci. Andriy Sibirny	Director of the Institute of Cell Biology, Head of the Department of Molecular Genetics and Biotechnology, Institute of Cell biology NAS Ukraine Professor of Institute of Biotechnology, University of Rzeszow
Dr. Sci. Maciej Wnuk	Head of Doctoral School, University of Rzeszów
Dr. Sci. Justyna Ruchała	Deputy Director of Institute of Biotechnology, University of Rzeszow
Prof. Dr. Sci. Rostyslav Stoika	Head of the Department Regulation of Cell Proliferation and Apoptosis, Institute of Cell biology NAS Ukraine
Prof. Dr. Sci. Mykhailo Gonchar	Head of the Department of Analytical Biotechnology, Institute of Cell biology NAS Ukraine
Dr. Sci. Oleh Stasyk	Head of the Department of Cell Signaling, Institute of Cell Biology NAS Ukraine
Dr. Sci. Kostyantyn Dmutryk	Deputy Director of Science, Institute of Cell Biology NAS Ukraine

11.00-11.10 Accession. Checking technical status

- 11.10-11.20 Justyna Gorzkiewicz Influence Of Microplastics And Herbicides On Microalgae
- 11.20-11.30 Natalia Żurek Viability And Invasive Potential Of Human Glioblastoma Cells After Treatment With Hawthorn Fruit Extracts (*Crataegus* l.)
- 11.30-11.40 Aksyniia Tsaruk Expression Of Heterologous Lactate Dehydrogenase Genes In The Yeast *Ogataea polymorpha*
- 11.40-11.50 Beata Ciak The Use Of Fourier Infrared Spectroscopy (FTIR) In The Study Of The Reaction Of Forest Herbaceous Plant Species To Temperature Increase On The Example Of Yellow Archangel (*Galeobdolon luteum*)
- 11.50-12.00 Jan Cichoński Biosynthesis Of Valuable Compounds Within *Planktochlorella Nurekis* Cells Under Salicylate Treatment
- 12.00-12.10 Anna Moroz Flavocytochrome B_2 *Ogataea Polymorpha* As A Tool For L-Lactate Analysis And "Green" Synthesis Of Nanomaterials
- 12.10-12.20 Nataliya Finiuk Differential Action Of Pyrrolidinedione-Thiazolidinone Hybrid Molecules On Lymphocytes Of Patients With Acute And Chronic Lymphocytic Leukemia
- 12.20-12.30 Nazar Manko Cage Amides And Imides And Their Antimicrobial Properties

12.30-13.00 Coffee break

- 13.00-13.10 Mykola Klishch Comparative Studies Of Thiosemicarbazone Derivatives As Potential Inducers Of Immunogenic Cell Death In Murine Carcinomas
- 13.10-13.20 Roksolana Vasylyshyn Engineering Of *Ogataea polymorpha* Strains With Ability For High-Temperature Alcohol Fermentation Of Cellobiose
- 13.20-13.30 Nikita Polishchuk The Molecular Mechanisms Of Induced Resistance Of Cancer Cells To Arginine Starvation Therapy
- 13.30-13.40 Anastasiya Zazulya The *Komagatella phaffii* ATG46 (*ACG1*) Gene, Encoding B-1,6-N-Acetylglucosaminyl Transferase, Is Involved In The Autophagy Of Cytosomal And Peroxisomal Proteins
- 13.40-13.50 Iryna Ivasechko Hybrid Pyridine-Thiazole Derivative LES-6485 As Potential Poly(ADP-Ribose) Polymerase Inhibitor
- 13.50-14.00 Ljubov Dzanaeva Metabolic Engineering Of The Yeast *Candida famata* For Improvement Of Riboflavin Production From Xylose