

**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

<b>Chair:</b> 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 for 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 ( <i>Crataegus</i> l.)
11.30-11.40	Aksyniia Tsaruk	Expression Of Heterologous Lactate Dehydrogenase Genes In The Yeast <i>Ogataea polymorpha</i>
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 ( <i>Galeobdolon luteum</i> )
11.50-12.00	Jan Cichoński	Biosynthesis Of Valuable Compounds Within <i>Planktochlorella Nurekis</i> Cells Under Salicylate Treatment
12.00-12.10	Anna Moroz	Flavocytochrome <i>B<sub>2</sub></i> <i>Ogataea Polymorpha</i> 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 <i>Ogataea polymorpha</i> 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 <i>Komagatella phaffii</i> <i>ATG46 (ACG1)</i> 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 <i>Candida famata</i> For Improvement Of Riboflavin Production From Xylose