

**International Conference “Advances in Microbiology and Biotechnology”. Lviv,
October 29-31, 2018**

October 29. Ivan Franko Lviv National University (Universytetska Str., 1)

9.00 – 14.00 Registration

12.00 – 12.15 Opening Ceremony: Vyacheslav Koshechko (Kyiv, Ukraine), Serhiy Komisarenko (Kyiv, Ukraine), Vitaliy Tsymbaliuk (Kyiv, Ukraine), Bauke Oudega (Amsterdam, The Netherlands)

12.15 – 13.00 Concert

13.00 – 14.30 Lunch

14.30 – 16.30 Session “Microbial Cell Biology”

14.30 – 15.00 Ralf Erdmann (Bochum, Germany). “Peroxisomes biogenesis in yeast”

15.00 – 15.20 Andriy Sibirny (Lviv, Ukraine) “Autophagy of peroxisomal and cytosolic enzymes of methanol metabolism in yeasts”

15.20 – 15.40 Uri Weil (Rehovot, Israel) “Exploring yeast proteome using whole genome SWAP-TAG library”

15.40 – 16.00 Alexander Rapoport (Riga, Latvia) “Yeast anhydrobiosis”

16.00 – 16.15 Oleh Stasyk (Lviv, Ukraine) „glucose signaling in microorganisms”

16.15 – 16.30 Olena Dmytruk (Lviv, Ukraine) „Mechanisms of fructose-1,6-bisphosphatase in methylotrophic yeasts”

16.30 – 17.00 Coffee break

17.00 – 18.30 Poster session

October 30. Ivan Franko Lviv National University (Universytetska Str., 1)

9.00 – 11.00 Session “Microbial Diversity, Biochemistry and Genetics”

9.00 – 9.30 Pietro Buzzini (Perugia, Italy) “New microbial isolates from Antarctic regions”

9.30 – 9.50 Jurgen Wendland (Brussels, Belgium) “Predator yeasts”

9.50 – 10.10 Rimantas Daugelavicius (Kaunas, Lithuania) “Mechanisms of antibiotic uptake and efflux in bacteria”

10.10 – 10.30 Andrzej Gamian (Wroclaw, Poland) “Classification of new *Citrobacter* isolates”

10.30 – 10.45 Colin Harwood (Newcastle, UK) “*Bacillus subtilis* as the model Gram-positive bacterium”

10.45 – 11.00 Wieslaw Barabasz (Krakow, Poland) “Yeasts in soil of grassy ecosystem”

11.00 – 11.30 Coffee break

11.30 – 13.30 Session “Microbial Production of Biofuels”

11.30 – 12.00 Volkmar Passoth (Uppsala, Sweden) „Yeast lipid biotechnology”

12.00 – 12.20 Olena Kurylenko (Lviv, Ukraine) „Pentose phosphate pathway for xylose alcoholic fermentation”

12.20 – 12.40 Justyna Ruchala (Rzeszow, Poland) „Role of peroxisomes in xylose fermentation in *Ogataea polymorpha*”

12.40 – 13.00 Cesar Fonseca (Aalborg, Denmark) “Development of *Saccharomyces cerevisiae* for second generation ethanol production”

13.00 – 13.15 Pattanan Songdech (Bangkok, Thailand) “Transcription activator Znf1 in glucose and xylose alcoholic fermentation in yeasts”

13.15 – 13.30 Iwona Kata (Rzeszow, Poland) “Construction of thermotolerant yeast *Ogataea polymorpha* for ethanol production from by-product glycerol”

13.30 – 15.00 Lunch

15.00 – 17.00 Session “Metabolic Engineering”

15.00 – 15.30 Diethard Mattanovich (Vienna, Austria) “Systems biology of *Komagataella phaffii*”

15.30 – 15.50 Aleksandra Mironczuk (Wroclaw, Poland) “*Yarrowia lipolytica* as promising organism for erythritol production”

15.50 – 16.10 Michael Sauer (Vienna, Austria) “Glutathione production in yeast”

16.10 – 16.30 Irina Borodina (Lyngby, Denmark) “Engineering *Yarrowia lipolytica* for production of chemicals”

16.30 – 16.45 Ewelina Celinska (Poznan, Poland) „Protein secretion in non-conventional yeasts”

16.45 – 17.00 Andriy Tsyurulnyk (Lviv, Ukraine) „Heterologous production of bacterial flavin antibiotics in yeasts”

17.00 – 17.30 Coffee break

17.30 – 18.30 Poster session

October 31. Ivan Franko Lviv National University (Universytetska Str., 1)

9.00 – 11.00 Session “Microorganisms for Production of Proteins and Chemicals”

9.00 – 9.30 Jozef Anne (Leuven, Belgium) “*Streptomyces* as system for heterologous protein production”

9.30 – 9.50 Patrick Fickers (Gembloux, Belgium) “Erythritol production in yeasts”

9.50 – 10.10 Kostyantyn Dmytruk (Lviv, Ukraine) „Riboflavin and flavin nucleotides overproduction in yeasts”

10.10 – 10.30 Adam Dobrowolski (Wroclaw, Poland) „Lipid production in *Yarrowia lipolytica*”

10.30 – 10.45 Marta Semkiv (Lviv, Ukraine) “Glycerol production and bioconversion in yeasts”

10.45 – 11.00 Falko Matthes (Gatersleben, Germany) “Biobased plastic synthesis in *Arxula adenivorans*”

11.00 – 11.30 Coffee Break

11.30 – 13.30 Session “Medical Microbiology and Biotechnology for Modern Medicine”

11.30 – 12.00 Serhiy Komisarenko (Kyiv, Ukraine) „New achievements in immunobiotechnology”

12.00 – 12.20 Grzegorz Wegrzyn (Gdansk, Poland) „Shiga toxin-converting bacteriophage development”

12.20 – 12.40 Jaroslaw Dziadek (Lodz, Poland) „New drugs and antibiotics drug targets in the treatment of tuberculosis”.

12.40 – 13.00 Viktor Fedorenko (Lviv, Ukraine) „Genetic control of moenomycin and teicoplanin biosynthesis”

13.00 – 13.15 Rostyslav Panchuk (Lviv, Ukraine) “New approaches of anticancer antibiotics”

13.15 – 13.30 Mykhailo Gonchar (Lviv, Ukraine) “Engineered yeast for analytical purposes”

13.30 – 15.00 Lunch

15.00 – 15.30 Best poster presentations

15.30 – 15.45 Awards and closing ceremony

18.30 – 23.00 **Banquet (Lviv Palace of Scientists)**