

CA18229_YEAST4BIO 1st WG MEETING 10th-11th March 2020

WORKING GROUPS MEETING

10th of March 9:00-17:30

VENUE: **Budapest University of Technology and Economics**, Building K (Central Building), 1. Floor, Ceremonial Hall, H-1111, Budapest, Műegyetem rkp. 3

8:30-9:00	REGISTRATION
9:00-9:30	Welcome notes: <ul style="list-style-type: none">- Dr. Edit Székely, Vice-Dean and Associate Professor at Faculty of Chemical Technology and Biotechnology- Csaba Feher (Local Organizer)
9:30-10:50	Session on System and synthetic biology for non-conventional yeasts (WG3)
9:30-9:45	Leader/Vice-Leader Rodrigo Ledesma-Amaro and Petri-Jaan Lahtvee
9:45-10:35	Short Talks: <ul style="list-style-type: none">- Hana Sychrova <i>"Tools to monitor changes in physiological parameters of non-conventional yeast species"</i>- John Morrissey <i>"Synthetic Biology Toolkit for Kluyveromyces marxianus"</i>- Justyna Ruchala <i>"Construction of the recombinant yeasts Komagataella phaffii and Candida famata producing bacterial antibiotics aminoriboflavin and roseoflavin"</i>- Milan Certik: <i>"Recombinant Yarrowia lipolytica as a producer of useful lipids"</i>- Petri-Jaan Lahtvee <i>"Developing synthetic and systems biology tools for the oleaginous yeast Rhodotorula toruloides"</i>- Rodrigo Ledesma-Amaro <i>"Synthetic microbial communities for biotechnology"</i>
10:35-10:50	Open discussion
10:50-11:15	Coffee break
11:15-12:30	Session on Bioproducts Production from Sugars with non-conventional yeasts (WG4)
11:15-11:30	Leader/Vice-Leader Lisbeth Olsson and Cecilia Geijer (Csaba Feher)
11:30-12:15	Short Talks: <ul style="list-style-type: none">- Iris Cornet <i>"Valorisation of toxic waste streams to valuable chemicals"</i>- Volker Sieber <i>"Exopolysaccharides and Enzymes from Yeast – secreted products with high potential"</i>- Csaba Fehér <i>"Utilisation of Candida boidinii and Ogataea zsoitii yeasts in sugar-platform biorefineries"</i>- John Morrissey <i>"Producing aromatic metabolites from alternative sugars in Kluyveromyces marxianus"</i>- Volha Shapaval <i>"Vibrational Spectroscopy for Screenings and Process development in Microbial Biotechnology"</i>- Andriy Sibirny <i>"Construction of the advanced ethanol producers from xylose in the thermotolerant yeast Ogataea polymorpha"</i>
12:15-12:30	Open discussion
12:30-14:30	Lunch-Folk music show (not covered by LO)

14:30-15:45	Session on Production of Sugars as Platform Molecules (WG1)
14:30-15:00	Leader/Vice-Leader Ulla Moilanen and Yoram Gerchman (Elia Tomás)
15:00-15:30	Short Talks: <ul style="list-style-type: none"> - Iris Cornet <i>"Environmentally friendly pretreatment of lignocellulose biomass and integrated systems for the production of chemicals"</i> - Csaba Feher <i>"Fractionation of agro-industrial residues for different sugar streams"</i> - Antonio David Moreno: <i>Steam Explosion and Extrusion pretreatment for lignocellulose fractionation</i> - Nina Gunde-Cimerman <i>"Extremophilic Fungi: diversity, ecology and applications"</i>
15:30-15:45	Open discussion
15:45-16:15	Coffee break
16:15-17:30	Session on Production of VFAs as platform molecules (WG2)
16:15-16:30	Leader/Vice-Leader Volkmar Passoth and Merle de Kreuk
16:30-17:10	Short Talks: <ul style="list-style-type: none"> - Pierre Fontanille <i>"Lipid production by oleaginous yeast: production of its substrate in a coupled submerged membrane bioreactor"</i> - Elia Tomás <i>"VFAs production: Linking microbial populations and fermentation output"</i> - Christian Kennes <i>"Range of feedstocks for VFA production in bioreactors"</i> - Merle de Kreuk <i>"VFA production from wastewater"</i>
17:10-17:30	Open discussion
20:00	Meeting dinner at Urban Betyar Restaurant & Folk Lounge; 1051, Budapest, Október 6. u. 16-18 (not covered by LO)

11th of March 9:30-12:30

9:30-10:50	Session on Bioproducts production from VFAs with non-conventional yeasts (WG5)
9:30-9:45	Leader/Vice-Leader Pierre Fontanille and Gwendoline Christophe
9:45-10:35	Short Talks: <ul style="list-style-type: none"> - Zsofia Kadar <i>"Scale up bioprocesses at kilogram to multi ton scale"</i> - Elia Tomás <i>"Screening of oleaginous yeasts for lipid production using volatile fatty acids as substrate"</i> - Jean-Marc Nicaud <i>"Yarrowia lipolytica a chassy for odd-chain fatty acid production from VFA"</i> - Hjörleifur Einarsson <i>"PUFA's and other long chain fatty acids from food (agri/fish) bi-products"</i> - Maria Grube <i>"What can FTIR spectroscopy tell about yeast metabolism"</i> - Pierre Fontanille <i>"Bioconversion of volatile fatty acids into lipids by oleaginous yeasts"</i> - Antonio David Moreno <i>"Vegetal waste from sorting processes as carbon source for microbial lipid production"</i>
10:35-10:50	Open discussion
10:50-11:15	Coffee break
11:15-11:50	Session on Dissemination (WG6)
11:15-11:30	Leader/Vice-Leader Magdalena Calusinska and David Moreno
11:30-11:50	Open discussion
11:50-12:15	Concluding Remarks