

Working group Meeting – Bari - 26th-27th April 2022

26th April 2022

10:00-10:15		Welcome and opening
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Working group 4 - Session 1

10:15 - 10:30	Volkmar Passoth	Diversity of lipid accumulation of oleaginous yeasts when growing on glucose, xylose, lignocellulose hydrolysate and crude glycerol
10:30 - 10:45	Karl Persson	Into the wild: high-throughput growth screening of novel yeast isolates from Tropical West Africa
10:45 - 11:00	Vittorio Giorgio Senatore	Vitamin B9 production from <i>Scheffersomyces stipitis</i> (formulated media and residual biomasses)
11:00 - 11:15	Csaba Fehér	Xylitol production and other applications of <i>Candida boidinii</i> and <i>Ogataea zsoitii</i>

11:15 - 11:45		COFFEE BREAK
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11:45 - 12:00	Gamze Nur Müjdeci	Modelling and Optimization of Pullulan Synthesis of <i>Aureobasidium pullulans</i> AZ-6
12:00 - 12:15	Cornet Iris	Evaluation of lignocellulosic wastewater valorization with the oleaginous yeasts <i>R. kratochvilovae</i> EXF7516 and <i>C. oleaginosum</i> ATCC 20509
12:15 - 12:30	Hjörleifur Einarsson & Jens Jakob Sigurðarson	Culturing Thraustochytrids on lignocellulosic hydrolysate
12:30 - 12:55		Working group 4 - Session 1 - DISCUSSION

13:00 - 14:15		LUNCH
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YEAST4Bio COST ACTION ORGANIZATION

14:15 - 14:30	Elia Tomás	Communications, organization and discussions
14:30 - 14:40	Calusinska Magdalena	Working group 6 activity update
14:40 - 14:50	Gerhard Sandman	Presentation of the training school "Metabolite Profiling"

14:50 - 15:20		COFFEE BREAK
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Working group 4 - Session 2

15:20 - 15:35	Carlos Belloch	The milkman's yeast: ploidy variation for efficient whey revalorisation
15:35 - 15:50	Armands Vigants	Evolutionary adaptation of non-conventional industrial yeasts <i>Kluyveromyces marxianus</i> to acetic acid stress
15:50 - 16:05	Antonio David Moreno	Production of microbial oil and carotenoids using waste hydrolysates and the oleaginous yeast <i>Rhodospiridium toruloides</i>
16:05 - 16:20	Nesrin Merve Çelebi Uzkuç	Determination of growth and aroma production of <i>Metschnikowia pulcherrima</i> in different sugar fermentations

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16:20 - 16:35	Yashaswini Nagaraj	Cellular content of carotenoids and different lipid classes in <i>Rhodotorula toruloides</i> during cultivation on lignocellulose
16:35 - 16:55		Working group 4 - Session 2 - DISCUSSION

27th April 2022

09:45 - 10:00		Arrival to the meeting room
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Working group 3 - SESSION 1

10:00 - 10:15	Lorena Donzella	Novel <i>Kluyveromyces marxianus</i> platform strain enables the identification of promising pentose transporters for glucose/xylose co-consumption
10:15 - 10:30	Hafidh Akkari	Kefir manufactured from camel (<i>Camelus dromedarius</i>): chemical composition and effectiveness against helminth infections
10:30 - 10:45	Aleksandra Maria Mironczuk	Metabolic Engineering of <i>Yarrowia lipolytica</i> for Poly(ethylene terephthalate) degradation
10:45 - 11:00	Milan Certik	Production of attractive lipophilic compounds by recombinant <i>Yarrowia lipolytica</i> .
11:00 - 11:10	Mattia Colacicco	Lipase production by <i>Yarrowia lipolytica</i> : effect of high concentration of hydrophobic carbon sources.

11:10 - 11:40		COFFEE BREAK
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Working group 3 - SESSION 2

11:40 - 11:50	Cosetta Ciliberti	<i>Yarrowia lipolytica</i> a valuable microbial oleaginous platform for Waste Cooking Oils valorisation: physiological studies
11:50 - 12:05	Igor Stuparevic	Cell wall proteins in different yeasts
12:05 - 12:20	Giselle Martín-Hernandez	Genome assembly, annotation and ploidy estimation of <i>Rhodotorula toruloides</i> and <i>R. babjevae</i>
12:20 - 12:35	Burcu Gündüz Ergün	Enhance and deregulate expression in non-conventional yeast <i>Pichia pastoris</i> through promoter engineering
12:35 - 12:55		Working group 3 - DISCUSSIONS

12:55 - 14:15		LUNCH
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Working group 1, 2 and 5

14:15 - 14:30	Elia Tomás	<i>Cutaneotrichosporon curvatum</i> and <i>Yarrowia lipolytica</i> as high-lipid producers from short chain fatty acids
14:30 - 14:45	Pierre Fontanille	Production of VFAs and LCFA from depackaging food waste
14:45 - 15:00	Isabel Soares Silva	Plasma membrane carboxylate transporters in the yeast <i>Cyberlindnera jadinii</i>
15:00 - 15:15	Katarína Šuchová	Cellulose- and xylan-degrading yeasts and enzymes

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15:15 - 15:45		COFFEE BREAK
15:45 - 16:00	Peter Biely	Glucuronoyl esterases - occurrence in yeasts
16:00 - 16:15	Ulla Moilanen	Could an invasive species be utilized for platform sugar production? – Optimization of pressurized hot water extraction of reed mannagrass
16:15 - 16:40		WORKING GROUP 1,2 and 5 DISCUSSION
16:40 - 16:45		CLOSING REMARKS