

Programme:

Molecular Gene Technology

Monday 8 March 2021

Identification of organisms (KU Leuven – Catholic University of Leuven, Leuven, Belgium)

9 am - 9.30 am	Welcome
9.30 am - 11.30 am	Ms Kristel Sniegowski, KU Leuven (BE), on ' <i>Basic molecular techniques to identify wild yeast isolates and the search for POF genes</i> '
11.30 am - 12.30 pm	Setting up of student groups & getting to know each other
12.30 pm - 1.30 pm	Break
1.30 pm - 4.30 pm	Ms Kristel Sniegowski, KU Leuven (BE), on ' <i>Hands-on use of basic molecular techniques (Genebank, Bioedit) for the identification and search for POF genes</i> ' – Workshop
4.30 pm - 5 pm	Break
5 pm - 6.30 pm	Social activity

Tuesday 10 March 2021

Plant genetic engineering (Universidad Politécnica de Cartagena, Spain) and Applications of gene technology in industry (UAntwerpen – University of Antwerp, Antwerp, Belgium)

9 am – 10:30 am	Ms Julia Weiss, UPCT (ES), on ' <i>Reverse genetics, genome engineering and post-transcriptional gene silencing</i> '
10.30 am – 11.30 am	Mr Marcos Egea Gutiérrez-Cortines, UPCT (ES), on ' <i>CRISPR/CAS vectors, principles and cloning strategies</i> '
11.30 am – 12 am	Break
12.00 am – 1.30 pm	Mr Marcos Egea Gutiérrez-Cortines, UPCT (ES), on ' <i>Usage of publicly available tools: sequence data bases and construct design for CRISP/Cas</i> ' – Workshop
1:30 pm – 2.30 pm	Break
2.30 pm – 5.30 pm	Mr Thomas Dobbeleers/Mr Lennert Dockx, UAntwerpen (BE), on ' <i>Applications of microbial ecology for innovative wastewater treatment technologies</i> ' Ms Iris Cornet, UAntwerpen (BE), on ' <i>Process optimization in industrial biotechnology by recombinant microorganisms</i> '

Wednesday 10 March 2021

Protein engineering (Hochschule Merseburg -Merseburg University of Applied Sciences, Merseburg, Germany)

9 am - 11 am	Mr Željko Simić, Hochschule Merseburg (DE), on ' <i>Directed evolution and rational design as powerful tools in protein engineering</i> '
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11 am - 11.30 am	Break
11.30 am - 1 pm	<i>Mr Željko Simić , Hochschule Merseburg (DE), on 'Searching for the most efficient enzyme variant (known so far) for a particular biochemical transformation' – Workshop</i>
1 pm - 2 pm	Break
2 pm - 5 pm	<i>Mr Željko Simić , Hochschule Merseburg (DE), on 'Searching for the most efficient enzyme variant (known so far) for a particular biochemical transformation' – Workshop</i>
5 pm - 5.30 pm	Break
5.30 pm - 7.30 pm	Social activity: European Aperitif

Thursday 11 March 2021

Applications of gene technology in industry (UAntwerpen – University of Antwerp, Antwerp, Belgium)

9 am – 12 am	Mr Thomas Dobbeleers/Mr Lennert Dockx, UAntwerpen (BE) on ' <i>Usage of next generation sequencing data using R-packages</i> ' – Workshop
12.15 pm – 1 pm	Braek
1 pm – 4 pm	Group work/tutorials by professors from the different universities
4 pm – 4.30 pm	Break
4.30 pm – 6 pm	Rehearsals of the presentations

Friday 12 March 2021

9 am – 12 am	Presentations
12 pm – 1 pm	Award/closing ceremony