



Nederlandse
Biotechnologie
Vereniging
Microbial Biotechnology

MB10.0

Monday November 18th, 2024

Pathe

Vesteplein 5
2611 WG Delft

9:30 - 10:00	Registration and coffee
10:00 - 10:15	Opening
10:15 - 10:45	Invited lecture: Harmen van Rossum – Cradle Bio Generative AI for building better proteins
10:45 - 11:05	Charlotte Koster – Wageningen University <i>Good endings and new beginnings: deciphering non-coding elements in gene expression to improve protein production</i>
11:05 - 11:25	Matteo Vajente – University of Groningen <i>Increasing electroporation efficiency in the lithoautotrophic bacterium Cupriavidus necator H16 - A roadmap for non-model bacteria domestication</i>
11:25 - 11:45	Jeroen Koendjibiharie – Free University Amsterdam <i>Schrödinger's cat-alyt: The 6-phosphofructokinase reaction in Acetivibrio thermocellus.</i>
11:45 - 12:10	Poster pitches
12:10 - 13:30	Lunch, poster session and networking
13:30 - 14:00	Invited lecture: Maria Barbosa – Wageningen University Photosynthetic Cell Factories
14:00 - 14:20	Sagarika Bangalore Govindaraju – Delft University of Technology <i>Deciphering interactions in microbial consortia using microbead sorting</i>
14:20 - 14:40	Alberto Agnolin – University of Amsterdam <i>Effect of the stringent response on amylase production and the ribosome profile of Bacillus subtilis</i>
14:40 - 15:40	Coffee break and poster session
15:40 - 16:00	Bas van Woudenberg – Leiden University <i>The metabolic engineering of Methylobacterium extorquens for the sustainable bioproduction of chemicals.</i>
16:00 - 16:20	Gerrich Behrend – Max Planck Institute Magdeburg <i>From tequila to bulk chemicals: Establishing a versatile modular cloning toolbox for genetic engineering of Zymomonas mobilis</i>
16:20 - 16:50	Invited lecture: Marjan de Mey – Ghent University Microbial production of specific chitooligosaccharides
17:00	Drinks and Networking