Nederlandse Biotechnologie Vereniging

Microbial Biotechnology

MB11.0

Monday December 1st, 2025

Omnia
Hoge Steeg 2
6708 PH Wageningen

9:30 - 10:00	***Registration and coffee***
10:00 - 10:15	**Opening**
10:15 - 10:45	**Invited lecture: Jan Marienhagen – Fz Jülich / RWTH Aachen** ***If It Doesn't Glow, It Doesn't Go – Custom Biosensors Driving Microbial Metabolic Engineering***
10:45 - 11:05	**Panos Kopsiaftis – Corbion / Wageningen University** *Investigating and enhancing the xylan-degradation capabilities of a thermophilic microbe*
11:05 - 11:25	**Maaike Remeijer – Vrije Universiteit Amsterdam** *Modularizing genome scale metabolic models: applications for cell factory design*
11:25 - 11:45	**Minke Gabriëls – Delft University of Technology** *Linking structure to function in high performing electrosynthetic biofilm communities*
11:45 - 12:10	**Poster pitches**
12:10 - 13:30	***Lunch, poster session and networking***
13:30 - 14:00	**Invited lecture: Jeroen Hugenholtz – NoPalm Ingredients** ***Production of a sustainable alternative for palm oil using fermentation***
14:00 - 14:20	**Noor van Wijk – Wageningen University** De novo *NMN overproduction in* Escherichia coli *as noncanonical redox cofactor*
14:20 - 14:40	**Jelmer Coenradij – Groningen University** *Autonomous synthesis of phospholipids and recycling of nucleotides in synthetic cells.*
14:40 - 15:40	***Coffee break and poster session***
15:40 - 16:00	**Laura Claret Fernández – HAN University of Applied Sciences** *Towards a fungal-based colorful future:* *Successful upscaling and dye application of a color-producing fungus.*
16:00 - 16:20	**Jurian Wijnheijmer – University of Amsterdam** *Machine Learning identifies novel mechanisms of action of antimicrobials*
16:20 - 16:50	**Invited lecture: Pascale Daran-Lapujade – Delft University of Technology** ***Large scale pathway and genome engineering in* Saccharomyces cerevisiae *from synthetic pathways to synthetic cells***
17:00	***Drinks and Networking***