



Koninklijke
Nederlandse
Vereniging voor
Microbiologie



Nederlandse
Biotechnologische
Vereniging

Microbial Biotechnology Section

Platform Microbial Physiology

MB5.0
Monday November 5th 2018
DUWO Lecture hall
Professor Schermerhornstraat 4, 2628 PZ Delft

9:30 - 10:00 *Registration and coffee*

10:00 - 10:10 Introduction Mickel Jansen - DSM

10:10 - 10:40 Opening lecture: Matthias Heinemann - RUG
A cell - a chemical machine that must not operate too hard?

10:40 - 11:00 Aniek van der Woude - Photanol
From cyanobacteria to chemicals

11:00 - 11:20 Ioannis Mougiakos - WUR
Hot'n'sharp: Characterizing ThermoCas9 for bacterial genome editing and silencing

11:20 - 11:40 Dennis Claessen, Leiden University
Adaptive morphogenesis in filamentous *actinomycetes*

11:40- 12:10 Poster pitches

12:10 - 14:00 *Lunch, poster session and networking*

14:00 - 14:50 Guest lecture: Beatrix Süß - TU Darmstadt
RNA aptamers as genetic control devices - the potential of riboswitches as synthetic elements for regulating gene expression

14:50 - 15:20 Ronnie Lubbers, UU
Aromatic metabolism of filamentous fungi

15:20 - 15:40 Wim de Laat - BioscienZ
Producing food without animals, Growing crops without chemicals

15:40 - 16:25 *Coffee break and poster session*

16:25 - 16:45 Marissa Boleij - TU Delft
Extraction and characterization of extracellular polymers of anammox granular sludge

16:45 - 17:05 Dennis Botman - VU
Fluorescent biosensors in yeast

17:05- 17:40 Closing lecture: Volkert van Steijn, TU Delft

17:40 *Drinks - BOTANICAL GARDEN*

Poortlandplein 6, 2628BM Delft