



Koninklijke  
Nederlandse  
Vereniging voor  
Microbiologie



Microbial Biotechnology Section

Platform Microbial Physiology

## MB6.0

Monday November 4<sup>th</sup> 2019

DUWO Lecture hall

Professor Schermerhornstraat 4, 2628 PZ Delft

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

10:00 - 10:10 Introduction

10:10 - 10:40 **Opening lecture: John Sutherland - MRC laboratory of Molecular Biology, UK**  
Chemical origins of molecular biology

10:40 - 11:00 **Philipp Savakis - Free University Amsterdam**  
A single cell perspective on physiology in dynamic environments

11:00 - 11:20 **Wouter Kuit - FrieslandCampina**  
Microbial production of human milk oligosaccharides

11:20 - 11:40 **Jean-Marc Daran - TU Delft/Biotechnology Department**  
Unlocking vitamin metabolism in *S. cerevisiae*

11:40- 12:10 **Poster pitches**

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

14:00 - 14:50 **Guest lecture: Vera Meyer - TU Berlin**  
Harnessing systems and synthetic biology to understand and optimize filamentous fungal cell factories

14:50 - 15:20 **Jhonatan Hernandez-Valdez - University of Groningen**  
Enhanced amino acids production by *Lactococcus lactis* strains

15:20 - 15:40 **Enrico Orsi - Wageningen University**  
Orthogonal isoprenoid pathway replacement in *Rhodobacter sphaeroides*

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

16:25 - 16:45 **Carmen Hogendoorn - Radboud University**  
Bio-methanol production using the methanotrophic extremophile *Methylacidiphilum fumarolicum* SoIV

16:45 - 17:05 **Jan Wery - FeedstocksUnited**  
Biological conversion of trioxane: A new approach in the production of feed, chemicals and fuels from non-food feedstocks

17:05- 17:40 **Greg Bokinsky - TU Delft/Bionanoscience Department**  
Plug adapters for electric enzymes in heterologous hosts

**17:40** *Drinks*