

MB9.0

Monday November 6th, 2023

DUWO Lecture Hall

Professor Schermerhornstraat 4, Building 21,

2628 PZ Delft

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

10:00 - 10:15 Introduction

10:15 - 10:45 Invited lecture: Nick Wierckx – Forschungszentrum Jülich: *Appetite for trash - Establishing plastic waste as biotechnology feedstock.*

10:45 - 11:05 Nuran Temelli – WUR: *The general stress response as a tool to save energy and boost precision fermentation*

11:05 - 11:25 Femke Vermeir – Radboud University: *The molecular mechanism of hydrazine production by the hydrazine synthase of anammox bacteria*

11:25 – 11:45 Chaoxian Bai – Leiden University: *CUBIC: A CUMate-Based Inducible CRISPRi system in Streptomyces*

11:45- 12:10 Poster pitches

12:10 - 13:30 *Lunch, poster session and networking*

13:30- 14:00 Invited lecture: Barbara Kozak – IFF: *Taming Trichoderma for industrial needs.*

14:00- 14:20 Julius Battjes - VU: *Resource allocation in Crabtree negative yeast Pichia kluyveri.*

14:20- 14:40 Marieke Warmerdam – TU Delft: *Exploring yeast diversity for ethanol-fueled industrial biotechnology.*

14:40 - 15:25 *Coffee break and poster session*

15:25- 15:45 Suzan Yilmaz - WUR: *Engineering One-Carbon Metabolism in E. coli using Multiplex Genome Engineering”.*

15:45 - 16:05 Yanfang Guo - Westerdijk Fungal Biodiversity Institute: *Development of a versatile fungal host for heterologous expression*

16:15 - 16:45 Invited lecture: Stan Brouns – TU Delft: *CRISPR mediated protein cleavage: a new era of proteome editing*

16:45 *Drinks and Networking*