



Brainstorm-symposium on Synthetic Biology

October 29th 2015, Hotel Wageningsche Berg

09.30 **Vitor Martins dos Santos, Chair Systems and Synthetic Biology, AFSG**
Opportunities in Synthetic Biology

09.55 **Ruud Weusthuis, Associate Professor, Bioprocess Engineering, AFSG**
Synthetic Biology in the Agrotechnology & Food Sciences Group

John van den Oost, Personal Chair, Microbiology, AFSG
Synthetic Microbial Cell Factories

Christian Fleck, Associate Professor, Systems and Synthetic Biology, AFSG
Optogenetic control of biological processes - Design, engineering, exploitation

10.30 Coffee/ Tea break

11.00 **Jeroen Kortekaas, Project Leader, Central Veterinary Institute, ASG**
Synthetic biology in the Animal Sciences Group

Antonios Zagaris, DLO researcher, Central Veterinary Institute, ASG
Simulation-driven design of programmable DNA networks

Renko de Vries, Associate Professor, Physical Chemistry and Soft Matter
Engineering life cycles of unnatural viruses in cellular hosts

11.35 **Dick de Ridder, Chair Bio-informatics, PSG**
Synthetic biology in the Plant Sciences Group

Marnix Medema, Assistant Professor, Bioinformatics Group, PSG
Discovery and engineering of biosynthetic pathways

Maarten Jongsma, Senior Scientist, Bioscience, PRI, PSG
Synthetic biology and biosensors: tongue on a chip

12.10 Societal embedding

Philip MacNaghten, Personal Professor, Knowledge Technology and Innovation, WU Social Sciences

Responsible research innovation

Esther Kok, Head Dept Novel Foods and Agrichains, RIKILT

Legal and safety aspects

12.30 Lunch

13.30 Introduction to the break-out sessions

13.45 Break-out sessions Shaping Synthetic Biology @ Wageningen UR

15.00 Coffee/ Tea break

15.30 Presentations of the break-out sessions

16.00 Roadmap Synthetic Biology Wageningen UR

16.30 Drinks

For more information and registration, go to:

www.wageningenur.nl/symposiumsyntheticbiology