
Program

Wednesday, June 14, 2017

Pharmaceutical Biotechnology

Venue: National Technical Library, Hall 01

Chairpersons: **Flavia Marinelli** *Department of Biotechnology, University of Insubria, Italy*,
Michaela Rumlová *Department of Biotechnology, UCT Prague, Czech Republic*, **Vera Luginbühl** *Institute of Chemistry and Biotechnology, ZHAW, Switzerland*

10:30 Marine antimicrobial compounds and their potential as lead compounds for novel antibiotics (Invited lecture)

Klara Stensvåg *University of Tromsø, Norway*

10:55 Old and novel glycopeptide antibiotics: from product to gene and back (Invited lecture)

Flavia Marinelli *Department of Biotechnology, University of Insubria, Italy*

11:20 5-Aminolevulinic acid in glioblastoma surgery and intracellular tumour targeting by a shiga toxin subunit B (Invited lecture)

Vera Luginbühl *Institute of Chemistry and Biotechnology, ZHAW, Switzerland*

11:45 Assembly and disassembly of HIV-1 as a target for screening and rational design of anti-HIV-1 compounds (Invited lecture)

Michaela Rumlová *Department of Biotechnology, UCT Prague, Czech Republic*

12:10 Uncovering citrinin biosynthesis in *Monascus ruber* by reconstructing its biosynthetic pathway in the secondary host *Aspergillus oryzae* (Invited lecture)

Yi He *College of Food Science and Engineering, Wuhan Polytechnic University, China*

12:30-13:30 Lunch

13:30 Biofilms of opportunistically pathogenic microorganisms and possibilities of their regulation (Invited lecture)

Jan Masák *Department of Biotechnology, UCT Prague, Czech Republic*

13:55 The nanoliter-reactor platform for high throughput screening of cell libraries secreting bioactive compounds

Andreas Meyer *FGen GmbH, Basel, Switzerland*

14:20 The Sugar Code as a Door Opener at Resistant Uptake Barriers – Biotechnological Concepts for Glycotargeted Drug Delivery in Bladder Cancer (Invited lecture)

Lukas Neutsch *Institute of Chemistry and Biotechnology, ZHAW, Switzerland*

14:45 Highly Potent and Immune Stimulatory Antibody Drug Conjugates with a novel Anthracycline Toxin

Ulf Grawunder *NBE-Therapeutics Ltd., Switzerland*

15:10 Smart nanostructures for bioapplications

Petr Slepíčka *Department of Solid State Engineering, UCT Prague, Czech Republic*

15:35 An enzymatic tool-box for modification of hyaluronan

Dzianis Smirnou *Contipro, Czech Republic*