

Turning the Tide of Antimicrobial resistance – TTA goes Nordic
Nordic kick-off Monday November 28 2016
The Norwegian Academy of Science and Letters (DNVA) Oslo Norway
Convenors: Dag Berild, Fredrik Müller & Tone Tønjum

Program

- 9:00 Ole M. Sejersted, Preses, Norwegian Academy of Science and Letters (DNVA):
Welcome from DNVA
- 9:05 Bjørn Erikstein, CEO, Oslo University Hospital, Norway: Opening remarks - TTA goes Nordic
- 9:10 Gunnel Gustafsson, CEO, Nordforsk
- 9:15 Patrice Nordmann, Molecular Microbiology Unit, University of Fribourg, Switzerland:
Emerging Antibiotic Resistance in 2016
- 09:40 Marc J M Bonten, Medical Microbiology, UMCU, The Netherlands:
Consequences of antibiotic resistance for human health and healthcare
- 10:05 Jens Lundgren, CHIP, Dept. of Infectious Diseases, Rigshospitalet, University of Copenhagen,
Denmark:
Transmitted and acquired drug resistance of HIV and tuberculosis
- 10:30 Niels Frimodt-Møller, Dept. of Clinical Microbiology, Rigshospitalet, Denmark:
Clinical research on antibacterial resistance & JPI AMR
- 10:55 Coffee
- 11:15 Lene Juel-Rasmussen, Center for Healthy Aging, University of Copenhagen, Denmark:
Host-microbe interaction driven by mismatch repair
- 11:40 Tone Tønjum, University of Oslo/Oslo University Hospital, Norway:
Chromosomally mediated AMR
- 11:55 Dan Andersson, Medical Biochemistry and Microbiology, Uppsala University, Sweden:
Mechanisms and consequences of heteroresistance in bacteria
- 12:20 Jesus Blazquez, Microbial Biotechnology, National Centre for Biotechnology, Madrid, Spain:
Genetic characterization of a non-canonical mismatch repair in mycobacteria
- 12:45 Lunch
- 13:45 Michael Givskov, Director of Costerton Biofilm Center, Dept. of Immunology and
Microbiology, University of Copenhagen, Denmark:
Novel antimicrobial intervention strategies
- 14:10 Birgitta Agerberth, Dept. of Laboratory Medicine, Karolinska Institutet, Sweden:
Induction of Innate Antimicrobial Peptides as a Strategy for Host-Directed Therapy against
Infections
- 14:35 Diarmaid Hughes, Medical Biochemistry and Microbiology, Uppsala University, Sweden:
Challenges and progress in the development of novel Gram-negative antibiotics

- 15:00 Magnus Gottfredsson, Dept. of Scientific affairs, Landspítali University Hospital, University of Iceland:
Antifungal drug resistance - a lurking threat to hospitalised patients
- 15:25 Reeta Satokari, ImmunoBiology Research Program, University of Helsinki, Finland:
Fecal microbiota transplantation treatment of recurrent *Clostridium difficile* infection and its effects on microbiota and resistome
- 15:50 Coffee
- 16:10 Arnfinn Sundsfjord, Chair, Norwegian National Advisory Unit on Detection of Antimicrobial Resistance, University of Tromsø/University Hospital of North Norway:
Transition of susceptibility to resistance through activation of silenced bacterial resistance genes – new insights and consequences for diagnostics
- 16:35 Mats Erntell, Dept. of Communicable Disease Control, The County Council, Halland, Sweden:
How is research on antibiotics organized in STRAMA? History, infrastructure, challenges
- 17:00 Otto Cars, ReAct, Uppsala University, Sweden:
Antibiotic resistance - a threat to achievement of the World's Sustainable Development Goals
- 17:25 Otto Cars, Lene Juel-Rasmussen, Niels Frimodt-Møller, Marc Bonten, Dag Berild, Arnfinn Sundsfjord:
Panel discussion on current AMR challenges
- How can we reduce the over-use of antibiotics?
How can we reduce the environmental spill-over of antibiotics?
What are the current black holes in AMR science?
What are the most promising new drug targets?
What is the promise for therapeutic anti-AMR vaccines?
How can international collaboration on AMR be strengthened?
- 18:00 Closing remarks
- 18:30 Dinner

Link for registration: <https://nettskjema.uio.no/answer/tta-nordic-reg.html>

