

Registration on-line (www oulu.fi/nam)
Please register! Registration is FREE

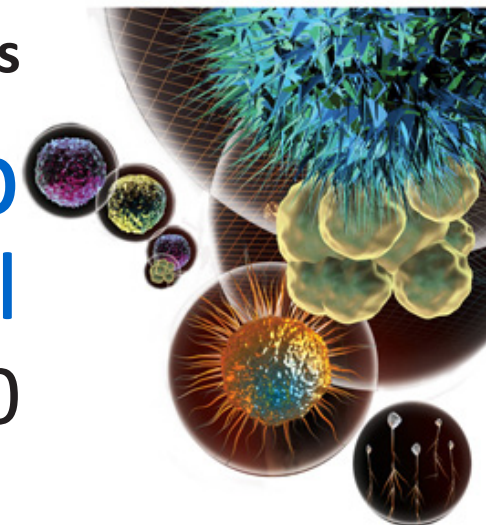
Further information: am.pirttila@oulu.fi



New Antimicrobials

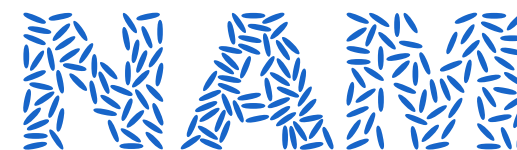
**Workshop
in HELSINKI**

17-18.6. 2010



New Compounds & New Strategies to Live with Antibiotic Resistance

**University of Helsinki
Viikki Campus
Biokeskus 3, LS 2402**



New Antimicrobials



New Antimicrobials Workshop in HELSINKI, 17-18.6. 2010
New Compounds & New Strategies to Live with Antibiotic Resistance
University of Helsinki, Viikki Campus, Biokeskus 3, LS 2402

Thursday 17th June 2010

- Chair: Hans-Henrik Kristensen
- 09.15 – 09.30 Opening words: *Anna Maria Pirttilä (University of Oulu, NAM Scientific Coordinator)*
- 09.30 – 10.15 *Hans-Georg Sahl (University of Bonn):*
Biological Activities of Host-Defence Peptides
- 10.15 – 10.45 *Tanja Schneider (University of Bonn):* Mode-of-Action of the Fungal Defensin Plectasin

Coffee break

- Chair: Sampo Mattila (University of Oulu)
- 11.00 – 11.45 *Renato Gennaro (University of Trieste):*
“Probing the mode of action of AMPs – biochemical and genetic approaches”
- 11.45 – 12.15 *Tanya Stoilova (University of Trieste):* “Search for interactors of SbmA, a putative ABC transporter from *E. coli* to elucidate its place in bacterial pathways and its role in the internalization of AMPs”

Lunch

- Chair: Hans-Georg Sahl (University of Bonn)
- 13.15 – 14.00 *Ingolf Nes (Norwegian University of Life Sciences):*
Bacterial peptide antibiotics:
Mode of action and molecular biology of unmodified bacteriocins from Gram-positive bacteria
- 14.00 – 14.30 *Mysore V. Tejesvi (University of Oulu):*
Antifungal peptide from endophytic *Fusarium* species

Coffee break

- Chair: Alessandro Tossi (University of Trieste)
- 14.45 – 15.30 *Barbara Schulz (TU Braunschweig):* Screening strategies for obtaining novel, biologically active fungal metabolites
- 15.30 – 16.00 *Sampo Mattila (University of Oulu):* Structure elucidation of novel antimicrobial compounds
- 16.00 – Poster session

Friday 18th June 2010

- Chair: Mysore V. Tejesvi (University of Oulu)
- 09.15 – 10.00 *Karin Thevissen (KU Leuven):* “Identification of novel fungicid molecules”
- 10.00 – 10.45 *Bruce C. Campbell (PMR, USDA-ARS):* “Use of Natural Products as Chemosensitizing Agents to Augment Antibiotics”

Coffee break

- Chair: Anna Maria Pirttilä (University of Oulu)
- 11.00 – 11.30 *Beate Henrichfreise (Novozymes A/S):* Cell Wall Biosynthesis in Cell Wall-lacking bacteria – new antibiotic treatment options?
- 11.30 – 12.15 *Jörn Piel (University of Bonn):* (Meta) genome-based strategies for polyketide discovery and development
- 12.15 – 12.30 Closing: *Hans-Henrik Kristensen (Novozymes A/S)*

