

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

- 09.15 - 09.30 Opening words: Anna Maria Pirttilä 09.30 - 10.15 Hans-Georg Sahl:
Biological Activities of Host-Defence Peptides
- 10.15 - 10.45 *Tanja Schneider: Mode-of-Action of the Fungal Defensin Plectasin*
- Coffee break
- 11.00 - 11.45 Barbara Schulz: Screening strategies for obtaining novel,
biologically active fungal metabolites
- 11.45 - 12.15 *Sampo Mattila: Structure elucidation of novel antimicrobial compounds*
- Lunch
- 13.15 - 14.00 Ingolf Nes: Bacterial peptide antibiotics: Mode of action and
molecular biology of unmodified bacteriocins from Gram-positive bacteria
- 14.00 - 14.30 *Mysore V. Tejesvi: Antifungal peptide from endophytic Fusarium species*
- Coffee break
- 14.45 - 15.30 Renato Gennaro "Probing the mode of action of AMPs -
biochemical and genetic approaches"
- 15.30 - 16.00 *Tanya Stoilova "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"*
- 16.00 - Poster session

Friday 18th June 2010

- 09.15 - 10.00 Karin Thevissen: "Identification of novel fungicidal molecules"
- 10.00 - 10.45 *Bruce C. Campbell: "Use of Natural Products as Chemosensitizing
Agents to Augment Antibiotics"*
- Coffee break
- 11.00 - 11.30 Beate Henrichfreise: Cell Wall Biosynthesis in Cell Wall-lacking bacteria -
new antibiotic treatment options?
- 11.30 - 12.15 *Jörn Piel: (Meta) genome-based strategies for polyketide discovery and development*
- 12.15 - 12.30 Closing: Hans-Henrik Kristensen

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

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