

NAMI



New Antimicrobials Workshop

in Trieste, 25-26.5.2012

New Compounds & New Strategies for Antimicrobials

Presentation Hall (Aula Magna) University of Trieste
Interpreting and Translation School, Via Filzi 14, Trieste



OULUN YLIOPISTO
UNIVERSITY OF OULU



Friday 25th May 2012

- Session 1
09.00 – 09.20 Chair: *Alex Tossi*
Anna Maria Pirttilä (University of Oulu, NAM Scientific Coordinator)
09.20 – 10.00 Opening address
Gerald Bills (Fundación MEDINA) Endophytic fungal antibiotics: discovery, profiles and mechanisms of action
10.00 – 10.30 Bill Shafer (Emory University School of Medicine)
“How bacteria modulate their susceptibility to AMPs: implications for anti-infective development and pathogenesis”
10.30 – 11.00 Mysore V. Tejesvi (University of Oulu)
Antimicrobial peptides from endophytes

Coffee break

- Chair: *Anna Maria Pirttilä*
11.20 – 12.00 Delphine Destemieux (CNRS) AMPs from marine invertebrates
12.00 – 12.30 Margherita Sosio (NAICONS) From discovery to development of novel antibiotics at NAICONS
12.30 – 13.00 Pere Picart (University of Bonn)
Piceasin 3 - a new plant defensin isolated from *Picea glauca*

Lunch

- Chair: *Maria Luisa Mangoni*
Session 2
14.00 – 14.40 Ralf Hoffmann (University of Leipzig) Optimization of insect-derived antimicrobial peptides to treat systemic bacterial infections
14.40 – 15.10 Marco Scocchi (University of Trieste) The PRAMP story - towards an understanding of translocation and activities of Proline-rich AMPs
15.10 – 15.40 Heike Broetz-Oesterhelt (University of Düsseldorf)
Lipopeptides with novel antibacterial mechanisms or target binding modes.

Coffee with posters

- Chair: *Margherita Zanetti*
17.00 – 17.40 Maria Luisa Mangoni (University of Rome, La Sapienza) Short membrane-active peptides in the defence mechanisms against antibiotic-resistance
17.40 – 18.20 Lidia Feliu (University of Girona) Antimicrobial peptides for plant protection

Saturday 26th May

- Session 3
09.00 – 9.40 Chair: *Marco Scocchi*
Gregor Anderluh (University of Ljubljana) Looking at peptides and proteins adventures on membranes using surface plasmon resonance
09.40 – 10.10 lessandro Tossi (University of Trieste) Breach or passage - on the multiple modes of antibacterial action of mammalian AMPs
10.10 – 10.40 Margherita Zanetti (University of Udine) AMP effects on host cells - on the multiple functions of AMPs

Coffee break

- Chair: *Ralf Hoffmann*
11.20 – 12.00 Francesca Bernardini (Polyphor Ltd) From the natural antimicrobial peptide Protegrin-1 to a novel class of anti-Pseudomonas antibiotics
12.00 – 12.30 Miguel Castanho (University of Lisbon) (To be confirmed)
12.30 – 13.00 Tania Schneider (University of Bonn) Cell wall-directed actions of AMPs

Buffet lunch at venue

- Session 3
14.00 – 14.30 Chair: *Hans-Henrik Kristensen*
(Adenium Biotech, Copenhagen) Arenicin - a novel peptide antibiotic with therapeutic potential (to be confirmed)
14.30 – 15.00 Alessandro Pini (SetLance SRL, Siena) The branched antimicrobial peptide M33. A new drug against Gram-negative bacteria?
15.00 – 15.30 Karoline Sidelmann Brinch (Novozymes, Copenhagen)
Non-medical applications for AMPs

Coffee break with posters

- Hot corner
16.30 – 17.30 Chair: *Renato Gennaro*
6 ten minute talks selected from amongst the participants
17.30 Hans-Georg Sahl (University of Bonn) Closing remarks

Registration on-line

Please register!
Registration is FREE

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