

16th Naples Workshop on Bioactive Peptides
The exciting role of peptides in life-science
Naples, 7-9 June 2018

Thursday 7th

Session 1 - Peptides in Diagnostic and Therapeutic Applications
Chairmen: A.M. Papini – D. Andreu

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| 10.30 | | Welcome addresses |
| 11.15 – 12.00 | PL1 | Stephen B. H. Kent - University of Chicago - IL - USA <i>“Recent adventures in the synthesis of small protein toxins”</i> |
| 12.00 – 12.20 | 01 | Teixidó |
| 12.20 – 12.40 | 02 | Falciani |
| 12.40 – 13.00 | 03 | Bechinger |
| 13.00 – 13.20 | 04 | Adler-Abramovich |
| 13.20 - 14.30 | Free Lunch | |

Session 2 – Antimicrobial peptides
Chairmen: L. Stella – S. Galdiero

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| 14.30 – 15.10 | PL2 | Martin Malmsten- Uppsala University - Sweden <i>“Nanoparticle and other delivery systems for host defence peptides”</i> |
| 15.10 – 15.30 | 05 | De Zotti |
| 15.30 – 15.50 | 06 | Shah |
| 15.50 – 16.10 | 07 | Perez-Peinado |
| 16.10 - 16.30 | Coffee break | |

Session 3 – Peptides in Diagnostic and Therapeutic Applications
Chairmen: L. Moroder – E. Pedone

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| 16.30 – 17.10 | PL3 | Michael Chorev – Brigham & Women's Hospital, Harvard Medical School – USA <i>“Glycated CD59, a Novel Biomarker – from Post-translational to Translational”</i> |
| 17.10 – 17.30 | 08 | Biscaglia |
| 17.30 – 17.50 | 09 | Vezenkov |
| 17.50 – 18.10 | 010 | Di Leva |
| 18.10 – 18.30 | 011 | Bellmann-Sickert |
| 18.30 – 18.50 | 012 | Rosenman |
| 18.50 – 19.10 | 013 | Lammi |
| 19.30 | Welcome Party | |

Friday 8th

Session 4 – Antimicrobial Peptides

Chairmen: L. Stella – M. De Zotti

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| 8.30 – 9.10 | PL4 | Anne S. Ulrich - Karlsruhe Institute of Technology – Germany “ <i>Membrane-active peptides and their photoswitchable analogues as antibiotics, anti-cancer agents, and cell penetrating carriers</i> ” |
| 9.10 – 9.30 | O14 | Carvajal-Rondanelli |
| 9.30 – 9.50 | O15 | Peggion |
| 9.50 – 10.10 | O16 | Weingarth |
| 10.10 – 10.30 | Coffee break | |

Session 5 – Peptides in Diagnostic and Therapeutic Applications

Chairmen: P. Grieco – M. Saviano

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| 10.30 – 11.10 | PL5 | Victor Hruby – University of Arizona - USA “ <i>Design of Novel Receptor Selective Peptide Ligands for the Melanocortin System: Application to Diagnosis and Treatment of Degenerative Diseases</i> ” |
| 11.10 – 11.50 | PL6 | Dale F. Mierke – Dartmouth College – NH – USA “ <i>New Adventures in NMR Usage for Peptide Therapeutics</i> ” |
| 11.50 – 12.10 | O17 | Van de Weert |
| 12.10 – 12.30 | O18 | Bobone |
| 12.30 - 14.00 | Lunch on site | |

PEPTIDE SHOWCASE

Chairmen: G. Morelli – L. Zaccaro

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|---------------|-----|----------|
| 14.00 – 14.15 | PS1 | IRBM |
| 14.15 – 14.30 | PS2 | BACHEM |
| 14.30 – 14.45 | PS3 | CEM |
| 14.45 – 15.00 | PS4 | SETLANCE |

Session 6 – Peptides Mimetics
Chairmen: C. Toniolo – M. Ruvo – C. Isernia

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|---------------|----------------|---|
| 15.00 – 15.40 | PL7 | Gilles Guichard - CNRS – University of Bordeaux – France |
| 15.40 – 16.00 | 019 | Maayan |
| 16.00 – 16.20 | 020 | Comegna |
| 16.20 – 16.40 | Coffee break | |
| 16.40 – 17.00 | 021 | Gilead |
| 17.00 – 17.20 | 022 | Haldar |
| 17.20 – 17.40 | 023 | Alewood |
| 17.40 – 18.00 | 024 | Di Marino |
| 18.00 – 18.20 | 025 | Jewginski |
| 18.20 – 19.20 | Poster session | |
| | Free evening | |

Saturday 9th

Session 7 – Peptides in Chemical Biology
Chairmen: P. Grieco

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| 8.50 – 9.30 | PL8 | Jeffrey W. Bode – ETH Zurich – CH <i>“Chemical Protein Synthesis with the KAHA Ligation”</i> |
| 9.30 – 9.50 | 026 | Bello |
| 9.50 – 10.10 | 027 | Sewczyk |
| 10.10 – 10.30 | Coffee Break | |

Session 8 – Bioconjugation, Folding and Aggregation
Chairmen: D. Andreu – D. Marasco

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| 10.30 – 11.10 | PL9 | Aphrodite Kapurniotu - Technische Universität München – Germany <i>“Exploiting cross-amyloid peptide interactions to control amyloid self-assembly in Alzheimer's disease and type 2 diabetes”</i> |
| 11.10 – 11.30 | 028 | Cringoli |
| 11.30 – 11.50 | 029 | Pepe |
| 11.50 – 12.10 | 030 | Parisi |

Session 9 – Peptides in Immunology

Chairmen: P. Rovero

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| 12.10 – 12.30 | 031 | Defaus |
| 12.30 – 12.50 | 032 | Horbati |
| 12.50 – 13.10 | 033 | Bonaguro |
| 13.10 – 14.10 | Free lunch | |

Session 10 – Peptides in Chemical Biology

Chairmen: M. Chorev – L. Moroder

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|---------------|------|---|
| 14.10 – 14.50 | PL10 | David Chatenet - Centre INRS-Institut Armand-Frappier – Laval – Quebec – Canada <i>“Recent advances in the molecular and cellular pharmacology of the urotenssnergic system: new direction in the conception of UT ligands”</i> |
| 14.50 - 15.10 | 034 | Di Maro |
| 15.10 – 15.30 | 035 | Migliore |
| 15.30 – 15.50 | 036 | Pellegrino |
| 15.50 – 16.10 | 037 | Mollica |
| 16.10 – 16.30 | 038 | Tonolo |
| 16.30 - 17.00 | | Concluding Remarks |
| 17.00 – 23.00 | | Social event and gala dinner |