

## II° Convegno Nazionale di ItPS

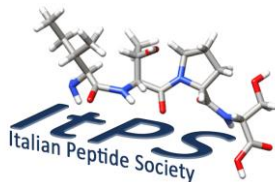
Napoli, Giugno 5-6, 2018

Aula Partenone, Centro Congressi "Federico II"

### Program

#### June 5<sup>th</sup>, 2018

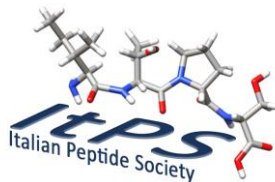
- 13:00 - 14:00      **Registration and Opening Session**
- 14:00 - 14:15      *Welcome and Introduction*  
**Giancarlo Morelli** (President ItPS) and **Anna Maria Papini** (Scientific Committee)
- 14:15 - 14:45      *Keynote*  
**Chiara Cabrele** (University of Salzburg, Austria)  
"Constrained peptides targeting protein-protein interfaces"
- 14:45 - 15:05      **Alessandra Monti** (DiSTABiF, University of Campania)  
"Design, Synthesis, Structural and Biochemical characterization of AIF(370-394) constrained peptide"
- 15:05 - 15:25      **Giuseppina Sabatino** (CNR-IBB Institute of Biostructure and Bioimaging, Section of Catania and PeptLab, Department of Chemistry, University of Florence)  
"Conformationally Constrained Analogues of Amyloidogenic Segments of Islet Amyloid Polypeptide"
- 15:25 - 15:45      **Flavia Anna Mercurio** (Research Centre on Bioactive Peptides, CIRPeB, University of Naples "Federico II")  
"Design and Analysis of Peptide Inhibitors of the Interaction between SAM Domains of Ship2 and the EphA2 Receptor"
- 15:45 - 16:05      **Alessandro Angelini** (Department of Molecular Sciences and Nanosystems, University of Venice)  
"Phage-encoded bicyclic peptide inhibitors of a tumor-associated serine protease"
- 16:05 - 16:30:**      **Coffee Break**



- 16:30 – 16:50 **Diego Brancaccio** (Department of Pharmacy, University of Naples “Federico II”)  
“Ligand-Based NMR Study of C-X-C Chemokine Receptor Type 4 (CXCR4)/Ligand Interactions on Living Cancer Cells”
- 16:50 - 17:10 **Francesca Biscaglia** (Department of Chemical Sciences, University of Padua)  
”Peptide Decorated Gold Nanostructures for high effective SERRS Detection of Colorectal Cancer Cells”
- 17:10 – 17:30 **Sara La Manna** (Department of Pharmacy, University of Naples “Federico II”)  
“Peptidomimetics of suppressor of cytokine signaling 1 and 3: new therapeutics in cancer-inflammation diseases”
- 17:30 – 17:50 **Domenica Capasso** (Department of Pharmacy, University of Naples “Federico II”)  
“Functional characterization of a selective avb5 antagonist”
- 17:50 – 18:05 Nominations of Honorary members of the Italian Peptide Society:  
Luis Moroder, Carlo Pedone and Claudio Toniolo
- 18:05 - 18:15 *Vittorio Ersparmer 2017 Award* to the Young Scientists Antonella Accardo and Silvia Marchesan

## June 6<sup>th</sup>, 2018

- 9:15 - 10:00 *Ernesto Scoffone Memorial Lecture Award 2018*  
**Stephen B.H. Kent** (University of Chicago, USA)  
“The role of peptide chemistry in understanding the chemical basis of protein function”.
- 10.00 - 10:30 *Keynote*  
**Daniela Mazzier** (University of Munich, Germany)  
“Ab initio design of foldamer tertiary structures”
- 10.30 - 11.00 **Coffee Break**
- 11:00 – 11:20 **Rosario Oliva** (University of Naples Federico II)  
“The mechanism of action of the GKY20 antimicrobial peptide”
- 11:20 – 11:40 **Cristina Peggion** (Department of Chemistry, University of Padua)  
“Mild reactions for peptide-cotton bond formation: preparation of biocompatible, antimicrobial fabrics”



- 11:40 - 12:00 **Bruno Casciaro** (Department of Biochemical Sciences, Sapienza University of Rome)  
“Derivatives of the frog skin peptide esculentin-1a kill *Pseudomonas aeruginosa* biofilm on soft contact lenses and preserve their bactericidal activity upon conjugation to the lens surface”
- 12:00 – 12:20 **Lucia Lombardi** (Department of Pharmacy, University of Naples Federico II)  
“Novel peptide-based nanomaterials with antimicrobial activity”
- 12:20 - 14:30 **Lunch on the beachfront**
- 14:30 – 14:50 **Annalisa Bortolotti** (Department of Chemical Science and Technologies, University of Rome Tor Vergata)  
“From peptides to peptidomimetics: spectroscopic studies of potential antimicrobial agents”
- 14:50 – 15:10 **Antonio Mazzoleni** (PeptLab, Department of Chemistry, University of Florence and Ecole Normale Supérieure, Paris)  
“Synthesis and characterization of Glucosylated Peptides: toward selective plasmapheresis-based treatment of Multiple Sclerosis”
- 15:10 – 15:30 **Margherita Degasperi** (Department of Life Sciences, University of Trieste)  
“In vitro and in vivo evaluation of D-BMAP18 peptide for the treatment of pulmonary infections in cystic fibrosis”
- 15:30 – 15:50 **Lorenzo Altamore** (PeptLab, Department of Chemistry, University of Florence)  
“Use of peptide mimetics of proteins to characterise immune response in different pathologies: a powerful approach”
- 15.50 - 16.20 **Coffee Break**
- 16:20 - 16:40 **Emanuela Gatto** (Department of Chemical Science and Technologies, University of Rome Tor Vergata)  
“Photocurrent Generation in Supramolecular DNA-Inspired Nanoarchitectures on Gold Surface: from 2D to 3D”
- 16:40 – 17:00 **Gianluca D’Abrosca** (DiSTABiF, University of Campania)  
“Structural metal ion recruitment influences folding mechanism and self-association propensity of high homologous proteins”
- 17:00 - 18:30 **Assemblea Ordinaria dei Soci della Società Italiana Peptidi.**