

18th Naples Workshop on Bioactive Peptides PEPTIDES IN THE NATIVITY

Naples - November 28th - 30th, 2024

POSTER LIST

P1 Alberico Alessia

Novel potent macrocyclic peptidomimetic inhibitors from HRV to SARS-CoV-2 Main Protease Inhibitors

P2 Alterio Vincenzo

In-depth understanding of hCA IX/XII multitarget inhibitors targeting cancer cells

P3 Attanasio Francesco

Semax, a peptide analog of the melanocortin ACTH fragment (4-10), modulates the inflammatory response in LPS-activated murine macrophages affecting the wound healing process

P4 Aurilio Michela

The Long Road to Radiochemical Process Development: Optimizing 68Ga-Labeled Peptide Tracers for CXCR4 Imaging

P5 Avitabile Concetta

Proline-Rich Antimicrobial Peptides: A Novel Approach to fight Klebsiella pneumoniae bloodstream

P6 Barra Giovanni

Fight-TB: Design of novel vaccine antigens to fight Tuberculosis

P7 Bettin Giacomo

Synthesis and characterization of membrane-active peptides promoting fusion between model liposomes

P8 Boccino Ida

Cyclic Antimicrobial Peptides Analogues of Temporin L: Design and Synthesis of Novel Guanidine-based Derivatives

P9 Boccino Ida

Ultrasonic-aided sustainable chemical synthesis of biologically active peptides

P10 Bosco Antonio

In Vitro Antimicrobial Activity of Bioactive Peptides on the Viability of Giardia duodenalis Cysts

P11 Bucholska Justyna

Barley (Hordeum vulgare L.) proteins as a source of alpha glucosidase inhibitory peptides

P12 Buonanno Martina

Prosystemin peptides as new promising tools for plant defense

P13 Costabile Martina

Protecting the environment with microalgae and carbonic anhydrases

P14 D'Aniello Antonia

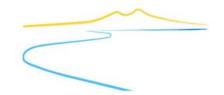
Design and Synthesis HA-based peptide vaccines against cancer and infectious diseases.

P15 De Cicco Annalisa

Synthesis of new bifunctional cyclopeptoid-based organocatalysts

P16 De Rosa Lucia

Molecular insights on the amyloid aggregation process using a depsi-isomer of the Aβ peptide



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Synthesis and Characterization of Nucleopeptide-Based Binders for ATP and GTP

P18 del Monaco Giovanni

Paper-based electrochemical peptide nucleic acid (PNA) biosensor for detection of miRNA-492: a pancreatic ductal adenocarcinoma biomarker.

P19 Di Natale Giuseppe

Novel A β /Prion chimera peptides: studies on the inhibition of the A β fibrillogenesis and the role of transition metal ions.

P20 Diana Donatella

Binding properties of the peptides mimicking the Viral Envelope protein to second PDZ domain of ZO1 protein

P21 Dragone Martina

Experimental and computational methods to explore non covalent interactions in model pentapeptides/2-cyclodextrin complexes

P22 Fenude Emma

Association of self-assembled structures and their material function: the way by which this class of building blocks bears the potential for diverse applications.

P23 Formaggio Fernando

Synthesis, conformation, and electrochemical behaviour of peptides functionalized with ferrocene moieties

P24 Fusco Virginia

Development of peptide-based molecules as novel tools for prion diseases treatment

P25 Giorgio Anna

Development of novel peptide-based radiopharmaceuticals for targeted cancer diagnosis: structure-activity studies

P26 Grasso Nicola

Peptide-based approach to target G-quadruplex DNA: from discovery to anticancer potential

P27 Hu Che-Wei

Parallel phage display selection of peptides enabled by his-tag purification of phage

P28 laccarino Emanuela

Structure-based design and testing of a bicyclic peptide mimicking the EGF-like domain of Cripto-1

P29 Imbò Lorenzo Emiliano

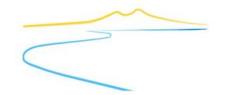
Exploring Fe(III) coordination and membrane interaction of a siderophore-peptide conjugate: Enhancing synergistically the antimicrobial activity

P30 Izzi Guido

Recombinant Ig1 Axl receptor domain molecular characterization for application in drug discovery

P31 Moccia Maria

Peptide nucleic acid (PNA) through sensing platform to detect miRNAs biomarkers.



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Food derived appetite inhibiting peptides. In silico analysis

P33 Napolitano Valeria

Structural and biophysical studies of key pathogen targets for drug development

P34 Oliver Angela

Cyclic Peptides blocking the interaction of Tissue Factor with Factor VII.

P35 Palladino Sara

Nanofibers based on Self-Assembling Peptide for SiRNA Delivery

P36 Pennacchio Simone

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P37 Perrotta Viviana

Understanding PE_PGRS, cell wall proteins promoting mycobacterial survival in TB

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Structure-based design of mini-enzymes effective against Klebsiella pneumoniae

P39 Scarpa Melania

Optimization of liposome nanocarriers for peptide delivery to activate LCAT in the treatment of neurodegenerative diseases

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Designing self-assembling bioactive lipopeptides

P41 Taillefumier Claude

Design and synthesis of peptidomimetic inhibitors of the TRIP8b-HCN interaction to prevent oxaliplatin-induced peripheral neuropathy

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Solid-State Strategy for the S-Conjugation of Peptides Catalyzed by Zeolites and Promoted by Microwave Radiation: A Green Approach

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P44 Vivenzio Vincenzo Massimiliano

Sructural analysis of carbonic anhydrases from the pathogen Acinetobacter baumannii for the development of novel antibacterial agents

P45 Vivenzio Giovanni

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Peptide-based soft materials paving the way to access higher contrast efficiency in MRI scans