

POSTER SESSION

Peptides in Diagnostic and Therapeutic Applications (P1-P17)

Antimicrobial peptides (P18-P24)

Peptide mimetics (P25-P31)

Peptides in Chemical Biology (P32-P39)

Bioconjugation, Folding and Aggregation (P40-P44)

Peptides in Immunology (P45-P47)

P1 Luisa CALVANESE

Mini-factors revealing VEGF receptors in imaging applications

P2 Sara LA MANNA

Triple-negative breast cancer: new potential therapeutics derived from SOCS3 protein

P3 Maria GALLO

Cell-penetrating peptides restricting oligomerization of G protein-coupled receptors: the CB1R-5HT2AR dimer

P4 Antonio MAZZOLENI

Synthesis and characterization of Glucosylated Peptides: toward selective plasmapheresis-based treatment of Multiple Sclerosis

P5 Annarita FALANGA

Synthesis and in vitro evaluation of fluorescent and magnetic nanoparticles functionalized with a cell penetrating peptide for cancer theranosis

P6 Annamaria SANDOMENICO

Chimeric Recombinant Antibody Fragment of anti_Nodal 3D1 for theranostic applications

P7 Carlo DIAFERIA

Multicomponent hydrogels based on Fmoc-FF for potential use as regenerative scaffolds

P8 Fernando FORMAGGIO

Synthesis of peptides potentially inhibiting the protein-protein interactions of the SHP2 phosphatase

P9 Sonia DI GAETANO

An integrin antagonist identified in the anophelin cE5 from the malaria vector Anopheles gambiae

P10 Emanuela IACCARINO

Therapeutic potential of novel Cripto-1 CFC small peptide mimetics in melanoma

P11 Antonella ACCARDO

Gd(III)-complex derivatives of aromatic oligopeptides as novel supramolecular MRI contrast agents

P12 Simona Maria MONTI

The Proteoglycan like domain of the tumour enzyme Carbonic Anhydrase IX is an Intrinsically Disordered Protein

P13 Fernando FORMAGGIO

Synthesis and spectroscopic characterization of analogs of the anticancer agent Culicinin D

P14 Chen LIU

Design and functional studies on analgesic peptides

P15 Stefania DE LUCA

Evaluation of HER2-specific peptide ligand for its employment as radiolabeled imaging probe

P16 Giancarlo MORELLI

Easy Formulation of Liposomal Doxorubicin modified with a Bombesin Peptide Analog for selective targeting of GRP Receptors over-expressed by Cancer Cells

P17 Domenica MUSUMECI

Synthesis, characterization and nucleic acid-binding ability evaluation of cationic nucleobase-decorated peptides

P18 Lucia LOMBARDI

Novel peptide biomaterials against biofilms

P19 Annarita FALANGA

Metallic nanoparticles: antibacterial activity and ecotoxicity

P20 Maria Luisa MANGONI

RGIn vivo efficacy of esculentin-1a derived peptides against Pseudomonas-aeruginosa induced pneumonia

P21 Floriana CAPPIELLO

Esc(1-21) and its diastereomer: antipseudomonal frog-skin derived peptides with multiple immunomodulatory properties

P22 Gianluigi FRANCI

The amphibian antimicrobial peptide temporin L inhibits in vitro herpes simplex virus type 1 infection, a continuous story

P23 Margherita DEGASPERI

In vitro and in vivo evaluation of D-BMAP18 peptides for the treatment of pulmonary infections in cystic fibrosis

P24 Marco SCOCCHI

Optimization of mammalian proline-rich antimicrobial peptides as small and effective inhibitors of bacterial protein synthesis

P25 Francesca CLERICI

Peptidomimetics based electrospun nanofibers

P26 B. FARINA

AIF(370-394)/CypA binding mode characterization: experimental and computational approaches

P27 Alessandra MONTI

Conformational stabilization of AIF(370-394) β -hairpin-like peptides

P28 Giuseppina SABATINO

Conformationally Constrained Analogues of Amyloidogenic Segments of Islet Amyloid Polypeptide

P29 Concetta AVITABILE

Self-Assembling of Fmoc-GC Peptide Nucleic Acid Dimers into Highly Fluorescent Aggregates

P30 Annalisa BORTOLOTTI

Characterization of the mechanism of membrane perturbation by small antimicrobial norspermidine-based peptidomimetics

P31 Ali Munaim YOUSIF

Peptoid-Peptide Hybrid Backbone of Urotensin-II(4-11): Synthesis and Biological Evaluation

P32 Maria MOCCIA

PNA based miR-34a mimics: a physico-chemical study and assessment in Neuroblastoma

P33 Militsa YANEVA

Synthesis and characterisation of stapled α -helical peptide that binds to G-quadruplex nucleic acid

P34 Emma FENUDE

Conformational Properties of Gluten Exorphins GE-A and its Role when Encrypted in Precursor Protein

P35 Martin Aaron D.

VEGF receptor binding studies of PIGF[87-101] peptide analogues

P36 Feliciano REAL FERNANDEZ

Peptides to study HIV-1 and CCR5 interactions by surface plasmon resonance

P37 Luciano PIRONE

The discovery of GRP78 as a novel KCTD15 interactor

P38 Davide ESPOSITO

Crystal structure of human carbonic anhydrase II in complex with a membrane-impermeant, isoform selective inhibitor

P39 Samaneh AHMADI

Theoretical study on the stability of amphi-ionophore cystine-based cyclopeptide stereoisomers with anions and cations

P40 Mariano VENANZI

Fluorescence studies of therapeutic peptides: the Semaglutide case

P41 Nunzianna DOTI

Structural and functional characterization of microbial transglutaminase in denaturing conditions

P42 Giuseppina FOCA'

Site-specific modification of antibody fragments by microbial transglutaminase

P43 Gianluca D'ABROSCA

Influence of metal ions on folding mechanism and self-association propensity of high homologous proteins

P44 Cristina PEGGION

Synthesis and conformational investigation of hetero-chiral sequential oligopeptides based on the (alphaMe)Aze/Ala dyad

P45 Hendrik RUSCHE

Antibody Epitope of human alpha-Galactosidase A revealed by affinity-mass spectrometry

P46 Mar FORNER

Novel foot-and-mouth disease vaccine platforms based on the successful B2T prototype: exploring multivalency and enhancing efficacy

P47 Lorenzo ALTAMORE

Use of peptides mimetics of proteins for characterisation of immune response in different pathological conditions: a powerful approach