



CIRPeB - Giornata scientifica

23 Novembre 2022 9.30 – 17.00

Museo di Mineralogia – Via Mezzocannone 8
Napoli

Giornata scientifica del CIRPeB

Centro Interuniversitario di Ricerca sui Peptidi Bioattivi

Dedicata al Prof. Carlo Pedone - Fondatore del CIRPeB

Programma

9.30-9.45 Apertura dei lavori

Benvenuto ed apertura della giornata scientifica -
Prof. Giancarlo Morelli

SESSIONE 1 – Chair: Francesco Merlino

9.45-10.00 01 – L. Vitagliano

The contribution of molecular dynamics to the identification of the structural basis of the stability of amyloid-like assemblies

10.00-10.15 02 – S. Di Maro

Novel Peptide-based PET-probe for Non-Invasive Imaging of the C-X-C chemokine receptor type 4 (CXCR4) in tumors

10.15-10.30 03 – C. Zannella

Screening of Peptides modelled on Schmallenberg Virus glycoproteins able to inhibit the viral infection

10.30-10.45 04 – L. Russo

Shedding light on the dark side of the human prion

10.45-11.00 05 – A. Chianese

Frog skin AMPs: promising antiviral peptides

11.00-11.30 Coffee break

SESSIONE 2 – Chair: Annarita Del Gatto

11.30-11.45 06 – A. Caporale

A Convenient Synthetic Route to (2S, 4S)-4-Methylproline

11.45-12.00 07 – C. Avitabile

The Peptide Nucleic Acid leitmotif and its application in miRNA targeting

12.00-12.15 08 – S. Braccia

Nanofibra a base di peptidi autoassemblanti per il rilascio on-demand di farmaci

12.15-12.30 09 – E. Rosa

Self-Assembling Lipopeptides: the effect of alkyl chain and residue packing

12.30-12.45 010 – L. Cigliano

Bioactive peptides with a beneficial role in cholesterol homeostasis

12.45-13.00 011 – A. Bosso

Cryptic Host Defense Peptides hidden in the human proteome

13.00-13.15 Riunione del Consiglio Scientifico del CIRPeB

13.15 – 14.15 Pausa Pranzo

SESSIONE 3 – Chair: Carlo Diaferia

14.15-14.30 012 – M. Ruvo

Monoclonal antibodies and their fragments to generate mono- and multispecific bioconjugates

14.30-14.45 013 – P. Abrescia & A. Falanga

Nuovo approccio terapeutico per la rimozione dell'eccesso di colesterolo dal cervello

14.45-15.00 014 – E. Gallo

Formulation of hybrid Fmoc-FF and PEG diacrylates (PEGDA) hydrogels

15.00-15.15 015 – S. La Manna

Design, structural and functional characterization of novel cyclic mimetics of SOCS1 protein

15.15-15.30 016 – C. Di Natale

The level of 24-hydroxycholesteryl esters decreases in plasma of patients with Parkinson's disease

SESSIONE 4 – Chair: Carla Isernia

15.30-15.45 017 – V. Folliero

Bacterial outer membrane vesicles as potential biological strategies for antiviral therapy

15.45-16.00 018 – R. Lucignano

Ferritin for smart delivery: encapsulation of an antimicrobial peptide within ferritin nanocage

16.00-16.15 019 – M. Schibeci

Newly identified bioactive peptides from human plasma protein: an effective tool to fight bacterial infections

16.15-16.30 020 – P. Cuomo

Prophage stimulates metabolic changes in Salmonella Rissen: identification of potential virulence markers

Comitato organizzatore:

Giancarlo Morelli

Carla Isernia

Francesco Merlino

Annarita Del Gatto

Carlo Diaferia