

Giovedì 5 luglio

08:30 Registrazione

09:15 SALUTI DI BENVENUTO ED APERTURA DEI LAVORI

Dott.ssa Marta Di Carlo (IBIM-CNR)

Dott. Giovanni Viegli (Direttore IBIM-CNR)

Prof. Silvio Buscemi (Direttore Dip. STEBICEF UNIPA)

Prof. Antonino Valenza (Direttore ATEN)

Prof. Roberto Lagalla (Assessore Regionale Istruzione e Formazione Professionale)

10:00 Fondazione Ri.MED - Found in Translation. Sharing a common language in drug discovery
Dott. Alessandro Padova (Direttore Fondazione RI.MED)

10:15 The Research, Cinderella of our Country
Prof.ssa Anna Maria Puglia (Dip. STEBICEF UNIPA)

Sessioni I e II

Moderatori: Salvatore Feo - Francesco Di Blasi

10:35 Differential regulation of the NLRP3 inflammasome and Caspase-1 by cigarette smoke extract in human macrophages
Chiara Cipollina

Synergistic effect with antibiotics and inhibition of bacterial biofilm formation by polyaminocyclodextrin-silver nanoparticles

Rosa Maria Fontana

Luminescent halloysite nanotubes for biomedical applications
Marina Massaro

11:20 Selected Posters

14-3-3 Proteins in breast cancer tissues

Gianluca Di Cara

Implications of MAMs in a cellular model of Alzheimer's disease

Giacoma Galizzi

11:30 *Coffee Break*

12:00 Hyaluronic acid based-micelles for off-label use of imatinib in retinopathies treatment
Flavia Bongiovì

HIF-1 α -dependent gene expression analysis of U87 glioblastoma cells under chemical-induced hypoxia

Chiara Calascibetta

Cultivable bacterial microbiota of roots, stalks and rhizosphere of *Saccharum officinarum*: a new reservoir of plant growth-promoting bacteria (PGPB)?

Paolo Cinà

12:45 Selected Posters

miRTissue: a web application for the characterization of miRNA-target interactions in human tissues

Laura La Paglia

Crosstalk between S-palmitoylation and ubiquitination of Alix in skeletal muscle cells

Sabrina Picciotto

12:55 Visione POSTERS

13:30 Light Lunch

14:30 Il ruolo dell'alga Klamath e dei suoi estratti nel supporto fisiologico al rilascio e migrazione delle cellule staminali adulte.

Stefano Scoglio (Nutrigea research s.r.l)

Sessioni III e IV

Moderatori: Flavia Mulè - Paolo Colombo

14:45 3D collagen gel co-culture of Langerhans islets with stromal vascular fraction from adipose tissue.

Monica Salamone

PBDE-47 impairs human macrophage responsiveness to LPS inhibiting TNF- α and IL-6 production

Alessandra Longo

Pistachio prevents obesity-dysmetabolism in mice by modulating lipid metabolism genes and microbiota

Simona Terzo

15:30 Selected Posters

Preliminary Studies for the Preparation of Casein-loaded Liposomes to Inhibit A β 1-40 Fibrillogenesis

Giulia Di Prima

New organotin (IV)-Schiff bases complexes: antitumor and antibacterial studies

Michelangelo Scopelliti

15:40 Coffee Break

16:00 Let-7d-5p miRNA shows oncogenic functions in triple negative breast cancer

Giovanni Pratelli

Budesonide, aclidinium and formoterol combination limit inflammaging caused by cigarette smoke

Paola Dino

Extracellular vesicles from CS fluid are possible biomarkers of multiple sclerosis disease status

Giuseppe Salemi

17:45 Selected Posters

Tailored films for food packaging

Giulia Di Cara

Apoptosis in human sperm as a quality marker for a new diagnostic approach of infertile patients

Roberto Chiarelli

Venerdì 6 luglio

09:45 Apertura dei lavori

Sessioni V e VI

Moderatori: Antonella Cusimano - Rosa Serio

10:00 A pre-clinical evaluation of the hsp90 small molecule inhibitor auy922 (luminespib) for treating hepatocellular carcinoma

Giuseppa Augello

The role of a new pyrazole styrylquinazolinone in the modulation of cannabinoidergic system

Fabiana Plescia

Mediterranean diet as prevention strategy of age-related disease

Laura Cristaldi

10:45 Selected Posters

Zebrafish as in vivo model for studying human diseases

Gaetano F. Caldara

Pathway logic circuits for miRNA therapeutics simulations

Valeria Boscaino

11:00 *Coffee Break*

11:30 The phospholipase DDHD1 as a new target in colorectal cancer therapy

Stefania Raimondo

Exposure to Nisaln, a G4 binder and stabilizer, perturbs developmental regulatory gene expression in the sea urchin

Giuseppina Turturici

A Pilot Study of Circulating microRNAs as Potential Biomarkers of Fabry Disease

Giuseppe Cammarata

12:15 Selected Posters

Protective effects of aphanizomenon flose-aquae (afa) extract on experimental colitis in rat

Maria Grazia Zizzo

Fibrillar polymeric patches suitable for wound healing

Salvatore Federico

12:25 *Vision and Mission* di un'azienda di integratori alimentari

Itria Schembari (Rikrea s.r.l.)

12:40 Visone POSTER

13:30 Light Lunch

Sessioni VII e VIII

Moderatori: Aldo Di Leonardo - Paolo Colomba

14:30 Study of potential regulation sites in GLA gene promoter

Roberta Oliveri

Cardiomyocytes isolation from adult rat heart with recombinant collagenases

Giorgia Adamo

A novel pipeline of analysis revealed a significant downregulation of transcription from human repetitive sequences in a Parkinson's disease model.

Walter Arancio

15:15 Selected Posters

Identification of a new molecule with readthrough activity to rescue CFTR protein

Paola Ricco Galluzzo

PI3K signaling is required for skeletogenesis in the *P. lividus* sea urchin embryo

Marco Chiaramonte

15:25 WJ-MSCs support ex vivo expansion of HSC/CD34+ cells mimicking a hematopoietic niche

Melania Lo Jacono

Evaluation of S100 family members as biomarkers and prognostic factors in breast cancer: an in silico analysis

Patrizia Cancemi

Extracellular vesicles of *Streptomyces coelicolor*: isolation, purification and characterization

Teresa Faddetta

16:10 Selected Posters

Cytotoxic effect of the HDAC3 inhibitor Pojamide and its variants on MDA-MB231 breast cancer cells

Dalia M.L.Asaro

Restoration of p14ARF expression in HCT116 cells by the PiggyBac transposon-based inducible vector

Danilo Cilluffo

16:20 Premiazione e Chiusura dei Lavori

Vincenzo Cavalieri - Mirella Ciaccio

Migliore Poster IBIM

Migliore Poster STEBICEF

Migliore Presentazione Orale

Migliori Contenuti Scientifici

Migliore Realizzazione Grafica

Saluti e Brindisi