



UNIVERSITÀ
DEGLI STUDI
DI PALERMO



3rd Meeting

Comitato Scientifico

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PROGRAMMA DEL CONVEGNO
Area della Ricerca di Palermo
Via Ugo La Malfa 153

Giovedì 17 dicembre 2015

8.30 REGISTRAZIONE

9.00 SALUTI DI BENVENUTO E APERTURA DEI LAVORI

Dott.ssa Marta Di Carlo

Dott. Giovanni Viegli Direttore f.f. IBIM-CNR

Prof. Silvestre Buscemi Direttore STEBICEF- Università di Palermo

Prof. Salvatore Gaglio Presidente del Comitato Paritetico Università di Palermo-CNR

10.00-11.15 **I Sessione - moderatori : Valeria Matranga – Maria Di Bernardo**

Giulio Gherzi: *CHAB : A New Service Center at the University of Palermo*

Vincenzo Cavalieri: *Genome wide mapping of the MBF-1 binding sites during embryogenesis of the sea urchin reveals it is a chromatin organizer.*

Riccardo Bonsignore: *Ni and Zn Schiff base complexes: B – DNA vs .G4- DNA binding.*

Concetta Catania: *Isolation and characterization of sea urchin P. lividus microbiota from coelomic fluid.*

Annalisa Pisciotta: *DNA cytosine methylation controls Streptomyces coelicolor morphological and physiological differentiation.*

11.15-11.45 *Coffee break/visione Poster*

11.45 -13.15 **II Sessione - moderatori: Matteo Cammarata - Paolo Colombo**

Sara Vlah: *Characterization of immunoregulatory mechanisms induced by Parietaria judaica Par j 1 allergen.*

Daniela Di Blasi: *Fine characterization of immunological mechanisms mediated by the major allergens of Parietaria judaica and hypoallergenic hybrid, rPjEDcys.*

Giusy Daniela Albano: *Cigarette smoke extract promotes Acetylcholine mediated inflammation and oxidative stress by PEBP1/Raf-mediated MEK and ERK pathway in human bronchial epithelial cells.*

Serena Di Vincenzo: *Cigarette smoke impairs Sirt1 activity and promotes pro-inflammatory responses in bronchial epithelial cells.*

Maria Rosa Trapani: *Inflammatory reaction and isolation of multifunctional bioactive molecules in cnidarians: from Immunobiology to Blue Biotechnology.*

Alessandra Longo: *Characterization of immunomodulatory activities of Ci8short peptide induced by LPS from Ciona intestinalis.*

Valeria Longo: *Isolation of a novel LPS induced component of the ML superfamily in Ciona intestinalis.*

13.15-14.30 *Light Lunch/ visione Poster*

14.30-15.45 **III Sessione moderatori: Michela Giuliano - Melchiorre Cervello**

Aurelio Maggio: *Networks in Biomedicine as future in Research: the RIMEDRI experience.*

Rosa Drago-Ferrante: *Janus-Faced role of microRNA let-7d in osteosarcoma 3AB-OS cancer stem cells.*

Giuseppe Cammarata: *Plasmatic microRNAs profiles in subjects with clinical manifestations referable to Fabry Disease.*

Claudia Coronello: *A sample-specific miRNA target prediction algorithm.*

15.45- 16.15 *Coffee break/ visione Poster*

16.15 – 17.15 **IV Sessione moderatori: Antonella Bongiovanni - Fabiana Geraci**

Ines Ferrara: *Role of protein lipidation in exosome biogenesis and cargo selection.*

Maria Magdalena Barreca: *Effect of mesoangioblast extracellular vesicle on cell migration and vessel formation of human endothelial cells.*

Laura Cristaldi: *Correlation between obesity, Irisin and glycemia.*

Samuele Raccosta: *Serpinopathies: From molecular studies to therapeutic interventions.*

17.15 -17.45

Vincenzo Di Ruocco (Beckman Coulter): *CytoFlex: Innovation in flow cytometry.*

Venerdì 18 dicembre 2015

9.00

SALUTI DELLE AUTORITÀ

Prof. Fabrizio Micari, Rettore dell'Università di Palermo

Prof. Tullio Pozzan Direttore Dipartimento Scienze Biomediche del CNR

Prof. Roberto Lagalla Componente Consiglio di Amministrazione del CNR

9.30 -11.00

V Sessione-moderatori: Simone D. Scilabra - Giuseppe Gallo

Simone Dario Scilabra: *Targeting TACE in neuroinflammation and inflammatory arthritis.*

Gaetano Spinelli: *Identification of p65 (-1), a new isoform of the NF- κ B complex, by 2D-electrophoresis samples from liver tissue.*

Gianluca Di Cara: *New proteomic evidence on decorin effects on breast cancer cells.*

Teresa Faddetta: *Omics approaches to elucidate the molecular physiology of lantibiotic NAI-107 production in Microbispora ATCC-PTA-5024.*

Liana Bosco: *Environmental factors as possible causes of DNA fragmentation in human sperms.*

Elena Carra: *Touch DNA a quarter of a century after the fact.*

11.00-11.30

Coffee break/ visione Poster

11.30-12.45

VI Sessione - moderatori: Giusi I. Forte - Mirella Profita

Giulia Anzalone: *Cigarette smoke alters the DAB2IP expression in epithelial cells from COPD patients: a risk factor for lung cancer.*

Giuseppina Buttitta: *The cytotoxic effect exerted by parthenolide and DMAPT on breast cancer stem-like cells.*

Antonella Cusimano: *Olive phenolics as antitumoral drug: (-)-Oleocanthal inhibits cell proliferation and induces apoptosis in hepatocellular carcinoma cells.*

Luigi Minafra: *Differential response to high-dose radiation treatments in breast cancer cells.*

Anna De Blasio: *Non-canonical roles of caspase-8 in MDA-MB-231 breast cancer cell line.*

12.45-13.00

Matteo Panfili (DiaTech): *Nanostring and Raindance: next generation digital approach to digital counting of DNA RNA and Proteins*

13.00 -14.15

Light Lunch/ visione Poster

14.15 -15:45

VII Sessione - moderatori: Emanuela F. Craparo - Pasquale Picone

Miriam Buttacavoli: *Cytotoxic effects of silver nanoparticles (AgNPs) biosynthesized from Klebsiella Oxytoca DSM29614 against breast cancer cells.*

Barbara Porsio: *Ibuprofen containing mucus penetrating nanoparticles as therapeutic tool for the treatment of inflammation in Cystic Fibrosis.*

Maria Laura Di Giacinto: *Insulin Nanogel as New Strategy for the Treatment of Alzheimer's Disease.*

Nicolò Mauro: *Biotinylated Reduced Graphene Oxide-Based Nanocomposites for the Photothermal Treatment of Breast Cancer.*

Tiziana Masullo: *Low-Cost Synthesis of Smart Biocompatible Graphene Oxide Reduced Species by Means of GFP T.*

Stefano Balletta: *Management of the telemedicine system: sensors for remote monitoring of patients with chronic diseases and development of web platform to share clinical data among medical staff.*

15.45 -16.15

Coffee break/ visione Poster

16.15 -17.30

VIII Sessione - moderatori: Anna Maria Puglia - Franco Palla

Fabrizio Miranda: *The Salt Inducible Kinase 2 (SIK2) links lipid metabolism to survival of ovarian cancer metastasis.*

Fiorenza Provenzano: *Bryophytes: a powerful source of biologically active compounds.*

Alberto Sutura: *PCL/PEG based membranes for bacterial cells immobilization stimulate actinorhodin antibiotic production in S. coelicolor.*

Giovanna Barresi: *Blue Biotechnology and Cultural Heritage: case studies.*

Paola Quatrini: *Bioremediation of oil-contaminated water using scaffold-bacterial biofilm systems.*

PREMIAZIONE MIGLIORI POSTERS

CHIUSURA DEI LAVORI: **Dott.ssa Mirella Ciaccio, Dott. Vincenzo Cavalieri**