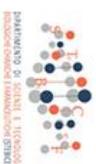


**Bio**  
TECNOLOGIE  
RICERCA DI BASE  
INTERDISCIPLINARE  
TRASLAZIONALE  
IN AMBITO BIOMEDICO



UNIVERSITÀ  
DEGLI STUDI  
DI PALERMO

# PALERMO 5-6 LUGLIO 2018

# 5<sup>o</sup> Meeting

COMITATO SCIENTIFICO  
MARTA DI CARLO  
VINCENZO CAVALLERI  
MIRELLA CIACCIO

(IBIM)  
(STERICEF)  
(IBIM)

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#### SEGRETERIA ORGANIZZATIVA

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**PALERMO**  
2018  
CAPITALE ITALIANA  
DELLA CULTURA



**CHAB**  
Mediterranean center  
for human health  
advanced biotechnologies



**ATen Center**  
ADVANCED TECHNOLOGIES NETWORK CENTER



**GESAN**  
COM

**riKrea**  
Nutraceutica  
pensata in Sicilia

**Giovedì 5 luglio 2018**

**8:30 REGISTRAZIONE**

**09:15 SALUTI DI BENVENUTO E APERTURA DEI LAVORI**

Dott.ssa Marta Di Carlo (IBIM-CNR)  
 Dott. Giovanni Viegi (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 Dott. Alessandro Padova (Direttore Fondazione Ri.MED)**

**Fondazione Ri.MED - Found in Translation. Sharing a common language in drug discovery.**

**10:15 Prof.ssa Anna Maria Puglia (Dip. STEBICEF UNIPA)**

The Research, Cinderella of our Country

**10:35 Sessione I e II - Moderatori: Salvatore Feo – Francesco Di Blasi**

**Chiara Cipollina:** Differential regulation of the NLRP3 inflammasome and Caspase-1 by cigarette smoke extract in human macrophages.  
**Rosa Maria Fontana:** Synergistic effect with antibiotics and inhibition of bacterial biofilm formation by polyaminocyclodextrin-silver nanoparticles.  
**Marina Massaro:** Luminescent halloysite nanotubes for biomedical applications.

**11:20 - Selected Posters**

**Gianluca Di Cara:** 14-3-3 Proteins in breast cancer tissues.  
**Giacoma Galizzi:** Implications of MAMs in a cellular model of Alzheimer's disease.

**11:30 -12:00 Coffee break/visione Posters**

**Flavia Bongiovì:** Hyaluronic acid based-micelles for off-label use of imatinib in retinopathies treatment.  
**Chiara Calascibetta:** HIF-1 $\alpha$ -dependent gene expression analysis of U87 glioblastoma cells under chemical-induced hypoxia.  
**Paolo Cinà:** Cultivable bacterial microbiota of roots, stalks and rhizosphere of *Saccharum officinarum*: a new reservoir of plant growth-promoting bacteria (PGPB)?

**12:45 - Selected Posters**

**Massimo La Rosa:** miRTissue: a web application for the characterization of miRNA-target interactions in human tissues.  
**Sabrina Picciotto:** Crosstalk between S-palmitoylation and ubiquitination of *Alix* in skeletal muscle cells.

**12:55 visione Posters**

**13:30 Light Lunch**

**14:30 - Stefano Scoglio (Nutrigea research s.r.l.):** Il ruolo dell'alga *Klamath* e dei suoi estratti nel supporto fisiologico al rilascio e migrazione delle cellule staminali adulte.

**14:45 Sessione III e IV Moderatori: Flavia Mulè – Paolo Colombo**

**Monica Salamone:** 3D collagen gel co-culture of Langerhans islets with stromal vascular fraction from adipose tissue.  
**Alessandra Longo:** PBDE-47 impairs human macrophage responsiveness to LPS inhibiting TNF- $\alpha$  and IL-6 production  
**Simona Terzo:** Pistachio prevents obesity-dysmetabolism in mice by modulating lipid metabolism genes and microbiota.

**15:30 - Selected Posters**

**Giulia di Prima:** Preliminary Studies for the Preparation of Casein-loaded Liposomes to Inhibit A $\beta$ 1-40 Fibrillogenesis.  
**Michelangelo Scopelliti:** New organotin (IV)-Schiff bases complexes: antitumor and antibacterial studies.

**15:40 – 16:00 Coffee break/visione Posters**

**Giovanni Pratelli:** Let-7d-5p miRNA shows oncogenic functions in triple negative breast cancer.  
**Paola Dino:** Budesonide, acclidinium and formoterol combination limit inflammation caused by cigarette smoke.  
**Giuseppe Salemi:** Extracellular vesicles from CS fluid are possible biomarkers of multiple sclerosis disease status.

**17:45 - Selected Posters**

**Giulia di Cara:** Tailored films for food packaging.  
**Roberto Chiarelli:** Apoptosis in human sperm as a quality marker for a new diagnostic approach of infertile patients.

**Venerdì 6 Luglio 2018**

**09:45 APERTURA DEI LAVORI**

**09:45 Sessione V e VI : Moderatori: Antonella Cusimano – Rosa Serio**

**Giuseppa Augello:** A pre-clinical evaluation of the hsp90 small molecule inhibitor auy922 (luminespib) for treating hepatocellular carcinoma.  
**Fabiana Plescia:** The role of a new pyrazole styrylquinazolinone in the modulation of cannabinoidergic system.  
**Laura Cristaldi:** Mediterranean diet as prevention strategy of age-related disease.

**10:45 - Selected Posters**

**Gaetano F. Caldara:** Zebrafish as in vivo model for studying human diseases.  
**Valeria Boscaino:** Pathway logic circuits for miRNA therapeutics simulations.

**11:00 - 11:30**

*Coffee break/visione Posters*

**Stefania Raimondo:** The phospholipase DDHD1 as a new target in colorectal cancer therapy.  
**Giuseppina Turturici:** Exposure to Nisaln, a G4 binder and stabilizer, perturbs developmental regulatory gene expression in the sea urchin.  
**Giuseppe Cammarata:** A Pilot Study of Circulating microRNAs as Potential Biomarkers of Fabry Disease.

**12:15 - Selected Posters**

**Maria Grazia Zizzo:** Protective effects of *Aphanizomenon flos-aquae* (afa) extract on experimental colitis in rat.  
**Salvatore Federico:** Fibrillar polymeric patches suitable for wound healing.

**12:25 - Itria Schembari (Rikrea s.r.l.):** Vision and Mission di un'azienda di integratori alimentari.

**12:40 - 13:30 Coffee break/visione Posters**  
**13:30 - 14:30 Light Lunch**

**14:30 -16:20 Sessione VII e VIII: Moderatori: A. Di Leonardo – P. Colomba**

**Roberta Oliveri:** Study of potential regulation sites in GLA gene promoter.  
**Giorgia Adamo:** Cardiomyocytes isolation from adult rat heart with recombinant collagenases.  
**Walter Arancio:** A novel pipeline of analysis revealed a significant downregulation of transcription from human repetitive sequences in a Parkinson's disease model.

**Selected Posters**

**Paola Ricco Galluzzo:** Identification of a new molecule with readthrough activity to rescue CFTR protein.  
**Marco Chiaramonte:** PI3K signaling is required for skeletogenesis in the *P. lividus* sea urchin embryo.

**Melania Lo Jacono:** WJ-MSCs support ex vivo expansion of HSC/CD34+ cells mimicking a hematopoietic niche.

**Patrizia Cancemi:** Evaluation of S100 family members as biomarkers and prognostic factors in breast cancer: an in silico analysis.  
**Teresa Faddetta:** Extracellular vesicles of *Streptomyces coelicolor*: isolation, purification and characterization.

**Selected Posters**

**Dalia M.L. Asaro:** Cytotoxic effect of the HDAC3 inhibitor Pojamide and its variants on MDA-MB231 breast cancer cells.  
**Daniilo Cilluffo:** Restoration of p14ARF expression in HCT116 cells by the PiggyBac transposon-based inducible vector.

**16:20 - PREMIAZIONE E CHIUSURA DEI LAVORI: M. Ciaccio – V. Cavalieri**

Migliore Poster IBIM  
 Migliore Poster STEBICEF  
 Migliore Presentazione Orale  
 Migliori Contenuti Scientifici  
 Migliore Realizzazione Grafica

**Saluti e Brindisi**