

Congresso “Ricerca di base, interdisciplinare e traslazionale in ambito Biologico e Biotecnologico”

Presso l’Aula Mutolo del Dipartimento di Scienze e Tecnologie Biologiche, Chimiche e Farmaceutiche

26-27 Giugno 2014

PROGRAMMA

Giovedì 26 Giugno

8.30 REGISTRAZIONE

9.15 SALUTO DI BENVENUTO E APERTURA DEI LAVORI

Prof. **Giovanni Spinelli**, Direttore STEBICEF - UNIPA

Dr. **Giovanni Viegj**, Direttore IBIM – CNR

9.40 - 11.00 Sessione I

Moderatori: Dr. Vincenzo Cavalieri / Dr. Maria Di Bernardo

- 9.40 – 10.00 **Santa Anna Acuto**, A.O. Ospedali Riuniti Villa Sofia-Cervello
The sea urchin *sns5* chromatin insulator settles a gene therapy vector into an independent domain of expression in the vertebrate genome.
- 10.00 – 10.20 **Salvatore Molino**, STEBICEF - UNIPA
Thanatos associated protein 11 (THAP11) modulates expression of c-MYC by binding the HB2.8 enhancer blocker element
- 10.20 – 10.40 **Maria Cristina Onorati**, STEBICEF - UNIPA
Chromatin remodelers, nucleoplasm compartment and proteinopathies
- 10.40 – 11.00 **Giosalba Burgio**, STEBICEF - UNIPA
UbcD1 is a Histone H2B Ubiquitin-Conjugating Enzyme Essential for Global Chromatin Structure and Gene Expression Regulation

11.00 - 11.30 *Coffee break / visione Poster*

11.30 - 12.50 Sessione II

Moderatori: Prof.ssa Anna Maria Puglia / Dr. Mirella Profita

- 11.30 – 11.50 **Giulia Anzalone**, IBIM – CNR
IL-8 and TSLP production from epithelial cells in IL-17A mediated airway inflammation of COPD patients.
- 11.50 – 12.10 **Giovanna Barbieri**, IBIM - CNR
The growth inhibition of (Bu₃Sn)₄TPPS and (Bu₂Sn)₂TPPS treated human melanoma cells is associated to decrease of adhesion receptors expression
- 12.10 – 12.30 **Teresa Faddetta**, STEBICEF - UNIPA
Metabolic Pathways in *Microbispora sp.* ATCC-PTA 5024, Producer of NAI-107 Lantibiotic
- 12.30 – 12.50 **Giovanna Barresi**, STEBICEF - UNIPA
Biotechnology and Cultural Heritage: bioactive molecules applied in restoration projects

12.50 - 14.30 *Light Lunch / visione Poster*

14.30 - 16.10 Sessione III

Moderatori: Dr. Melchiorre Cervello / Prof. Aldo Di Leonardo

- 14.30 – 14.50 **Daniela Carlisi**, BIONEC – UNIPA
The synergistic effect exerted by the HDAC inhibitor SAHA and the sesquiterpene lactone parthenolide on triple negative breast cancer cells.
- 14.50 – 15.10 **Gaetano Felice Caldara**, STEBICEF - UNIPA
How cancer cells cross lymphatic endothelium?
- 15.10 – 15.30 **Maria Rita Emma**, IBIM - CNR
Role of Nupr1/p8 in hepatocellular carcinoma: implications in cell growth control and response to treatment
- 15.30 – 15.50 **Walter Arancio**, DIBIMIS - UNIPA
Anaplastic Thyroid Carcinoma: a ceRNA analysis pointed to a crosstalk between *SOX2*, *TP53* and microRNA biogenesis.

15.50 – 16.10 **Riccardo Di Fiore**, STEBICEF - UNIPA
microRNA-29b-1 is involved in self-renewal and fate decisions of human osteosarcoma 3AB-OS cancer stem cells

16.10 - 18.00 *Coffee break/ visione Poster*

Venerdì 27 Giugno

09.00 - 10.40 **Sessione IV**

Moderatori: Dr. Maria Grazia Zizzo / Dr. Giovanni Duro

09.00 – 09.20 **Michelangelo Auteri**, STEBICEF - UNIPA
Novel evidences for a role of dopamine as modulator of intestinal motility: a study on mouse distal colon.

09.20 – 09.40 **Domenico Nuzzo**, IBIM - CNR
Diet-Induced Obesity: A Risk Factor for Alzheimer's disease

09.40 – 10.00 **Carmela Zizzo**, IBIM – CNR
Malattia di Anderson Fabry: misdiagnosi e nuovi marcatori molecolari

10.00 – 10.20 **Rita Messineo**, IBIM - CNR
Relationship between Human alfa-Galactosidase Isozymes

10.20 – 10.40 **Antonella Amato**, STEBICEF - UNIPA
Chronic treatment with GLP-2 (3-33) exacerbates glucose metabolism disorders in mice fed a high fat diet.

10.40 – 11.10 *Coffee break / visione Poster*

11.10 - 12.50 **Sessione V**

Moderatori: Prof. Giulio Gherzi / Dr. Antonella Bongiovanni

11.10 – 11.30 **Rosa Alduina**, STEBICEF - UNIPA
Streptomyces coelicolor: DNA methylation and differentiation

11.30 – 11.50 **D Spigolon**, IBF - CNR
Hsp60 and GroEL Chaperonins: Thermodynamic Characterization on Self-Assembly and Structural Stability Studied by Nano DSC and Nano ITC

11.50 – 12.10 **Patrizia Cancemi**, STEBICEF - UNIPA
A proteomic signature for breast cancer patients stratification

12.10 – 12.30 **Loredana Randazzo**, IBF - CNR
Protein diffusion in ovo

12.30 – 12.50 **Patrizia Saladino**, STEBICEF - UNIPA
RNA binding proteins in brain cells differentiation

12.50 – 14.00 *Light Lunch / visione Poster*

14.00 - 15.20 **Sessione VI**

Moderatori: Dr. Giovanna Barbieri / Dr. Fabiana Geraci

14.00 – 14.20 **Pasquale Picone**, IBIM - CNR
NANOGELS AS USEFUL TOOL FOR ALZHEIMER'S DISEASE THERAPY

14.20 – 14.40 **Angelo Spinello**, STEBICEF - UNIPA
The Interaction of Small Molecules with Biomolecules

14.40 – 15.00 **Nicolò Mauro**, STEBICEF - UNIPA
Clever pH-Sensitive Drug-polymer Conjugates For Targeted Cancer Therapy

15.00 – 15.20 **Vincenzo Martorana**, IBF - CNR
A molecular strategy to cope with serpinopathies.

15.20 **Premiazione migliori Poster.**

Ore 15.30 **Chiusura dei lavori**

Il Comitato Scientifico

Dr. Vincenzo Cavalieri

Dr. Davide Corona

Dr. Marta Di Carlo

Dr. Mirella Ciaccio