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Fondazione Francesco Balsano



FROM BASIC RESEARCH TO TECHNOLOGY TRANSFER

IBPM Annual Meeting



*Rome, June 9th 2016
Aula Convegni CNR*

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09.00 - 09.30 **Registration of participants**

09.30 - 09.45 **Authorities' greetings**

Prof. Clara Balsano

Introduction of the IBPM Director

09.45 - 10.30 **Prof. Gioacchino Natoli**

Inflammation insights by a genomic approach
European Institute of Oncology (IEO), Milan

Session I: Cellular transformation (IBPM)

10.30 - 10.45 **Elisa Caffarelli**

The neural long noncoding RNA, linc-NeD125, functions as a competing endogenous RNA to modulate the expression of Group 4 medulloblastoma driver genes

10.45 - 11.00 **Cecilia Mannironi**

MicroRNAs as regulators of stress-related behavior: the case of mir-135a

11.00 - 11.15 **Barbara Illi**

Functional association between Myc and the Protein Arginine Methyltransferase 5 (PRMT5) in glioblastoma cells

11.15 - 11.45 **Coffee break**

11.45 - 12.00 **Maria Grazia Giansanti**

GOLPH3 and COG7, two proteins involved in cytokinesis and human diseases

12.00 - 12.15 **Patrizia Lavia**

Importin beta and the GTPase ran have global roles in mechanisms of genetic instability in

cancer cells

12.15 - 12.30 **Maria Patrizia Somma**

Int6 is required for proper spindle formation and genome stability in Drosophila and human cells

Session II: Antitumoral therapy (IBPM)

12.30 - 12.45 **Pierpaolo Ceci**

Human Ferritins: selective nanocarriers for antitumor payloads

12.45 - 13.00 **Gianni Colotti**

Sorcin induces resistance to chemotherapeutics in tumors

13.00 - 13.15 **Laetitia Gonzalez**

Amorphous silica nanoparticles alter microtubule dynamics and cell migration

13.15 - 13.30 **Sergio Nasi**

Resetting cancer stem cell regulatory nodes upon MYC inhibition

13.30 - 15.00 **Lunch and Poster session**

15.00 - 15.45 **Prof. Saverio Minucci**

Chromatin targets in leukemias
European Institute of Oncology (IEO), Milan

Session III: Inflammation (IBPM)

15.45 - 16.00 **Paola Fragapane**

Response to acute corticosterone treatment of hippocampal neurons in vitro is reduced in dystrophic mdx mice compared to wild type

16.00 - 16.15 **Andrea Ilari**

Structural and functional studies of trypanothione reductase (TR) and tryparedoxin peroxidase (TXNPx) two good targets to find new drugs against Leishmaniasis

16.15 - 16.30 **Alessandro Giuffrè**

Hydrogen sulfide, cell respiration and the interplay between gasotransmitters at human cystathionine β -synthase

Session IV: Model systems (IBPM)

16.30 - 16.45 **Maura Cardarelli**

Hormonal control of reproductive development and response to abiotic stress in Arabidopsis thaliana

16.45 - 17.00 **Monica Carabelli**

Role of the Arabidopsis HD-Zip II transcription factors HAT3 and ATHB4 in flower development

17.00 - 17.15 **Patrizia Filetici**

Epigenetic from budding yeast to human cancer

17.15 - 17.30 **Giulia Guarguaglini**

The informational content of single-cell time-lapse imaging to study dynamic biological processes

17.30 - 17.45 **Prof. Clara Balsano**

Conclusions of the IBPM Director

17.45 - 18.15 *Coffee break*