

Riunione dei Giovani Biochimici dell'Area milanese - Gargnano 2017

Programma

Domenica 25 Giugno 2017

- 17.00 Arrivo a Gargnano, registrazione e assegnazione camera
- 18.15 - 18.30 Saluto di benvenuto e apertura dei lavori (Massimo Aureli, Paola Corsetto, Nico Mitro e Alessio Scarafoni)
- 18.30 **Letture di Apertura della Riunione**
- Emilio Reyneri**
“Which occupational outcomes for youth in Italy?”
- 19.30 Aperitivo di benvenuto
- 20.00 Cena

Lunedì 26 Giugno 2017

07.45 - 08.45 Colazione

Sessione 1: Biologia Computazionale di sistema

Moderatore: Sara Grassi e Francesco Boni

- 8.45 - 9.15 **Ivano Eberini**
“Computational biochemistry: a link between base and applied research”
- 9.15 - 9.35 **Alessio Gamba**
“Proteins and diseases: relation between protein complexes and locus heterogeneity”
- 9.35 - 9.55 **Michela Bollati**
“Compound ML disrupt Rotavirus particles”
- 9.55 - 10.15 **Valentina Nardone**
“Transcription factors as target in cancer therapy: exploring the druggability of NF-Y”

10.15 - 10.45 Coffee break

Sessione 2: Proteine – prima parte

Moderatore: Elisa Maffioli e Francesca Re

10.45 - 11.15 **Marco Nardini**

“NF-Why? Structural studies on transcription factors”

11.15 - 11.35 **Matteo Miceli**

“The endocannabinoid system: novel photochemical assays for human monoacylglycerol lipase (MAGL)”

11.35 - 11.55 **Jessica Capraro**

“Multifunctionality of plant proteins”

11.55 - 12.15 **Paolo Swuec**

“Introducing a Collaborative Research Centre for Cryo-Electron Microscopy in Milan (C-EMi)”

12.15 - 13.15 Breve presentazione e discussione poster

13.15 - 14.30 Pranzo a buffet e assegnazione premio SIB ai cinque migliori poster

Sessione 3: Differenziamento e trasformazione neoplastica

Moderatore: Maura Samarani e Matteo Audano

14.30 - 15.00 **Gioacchino Natoli**

“Transcriptional mechanisms in pancreatic and hepatocellular carcinoma”

15.00 - 15.20 **Valeria Malacarne**

“Diacylglycerol kinase alpha regulates met and β 1-integrin abundance and contributes to tumorigenicity and invasiveness of glioblastoma stem cells”

15.20 - 15.40 **Raffaella Longo**

“Ablation of Hdac3 in white fat triggers a futile cycle of fatty acid β -oxidation and *de novo* lipogenesis”

15.40 - 16.00 **Jessica Rizzo**

“Evaluation of aspirin responsiveness in healthy subjects and essential thrombocythemia patients”

16.00 - 16.30 Coffee break

16.30 -17.15 **Lettura Magistrale SIB – Federico Bussolino**



“New perspective in vascular medicine: the view of the molecular sciences”

Sessione 4: Invecchiamento e patologie degenerative

Moderatore: Domitilla Schiumarini e Roberto Spezzano

17.15 - 17.35 **Aida Zulueta**

“Lung mesenchymal stem cells-derived extracellular vesicles as anti-inflammatory cell-free therapy in cystic fibrosis”

17.35 - 17.55 **Elia Angelino**

“Unacylated ghrelin enhances satellite cell function and relieves the dystrophic phenotype in Duchenne muscular dystrophy mdx model”

17.55 - 18.15 **Linda Turnu**

“An untargeted metabolomics approach to identify new pathways involved in aspirin effects”

18.30 - 19.30 **Tavola rotonda: Public Engagement and Dissemination**
Mattia Crivellini

20.00 **Cena e intrattenimento**

Martedì 27 Giugno 2017

07.45 - 08.45 Colazione

Sessione 5: Membrane

Moderatore: Susanna Fiorelli e Michele Ferrara

8.45 - 09.15 **Alessandro Prinetti**

“Lipid-driven membrane organization and signaling in neuronal differentiation and myelination”

09.15 - 09.35 **Fabiola Bonezzi**

“Myriocin as post-conditioning therapeutic in myocardial ischemia/reperfusion damage: regulation of sphingolipid metabolism for the recovery from infarction”

09.35 - 09.55 **Paolo La Rocca**

“Unsaturated sialic acid derivatives as promising sialidase inhibitors: synthesis and biological activity evaluation”

09:55 - 10.15 **Elena Chiricozzi**

“The neurotrophic properties of GM1 oligosaccharide: a new promising story”

Sessione 6: Proteine – seconda parte

Moderatore: Margherita Maggioni e Giuseppe Matteo Campisi

10.15 - 10.45 **Alberto Passi**

“Yin and Yang of the hyaluronan synthase 2”

10.45 - 11.05 **Benedetta Guidi**

“Solubility improvement of a new ω -transaminase from the halotolerant marine bacterium *Virgibacillus* sp.”

11.05 - 11.25 **Marco Piccoli**

“NEU3 sialidase role in activating HIF-1 α in response to chronic hypoxia in cyanotic congenital heart patients”

11.25 - 11.45 **Benedetta Maria Sala**

“Insights in structural determinants of β 2-Microglobulin stability”

11.45

Coffee break di saluto e assegnazione premio SIB alle cinque migliori presentazioni orali

Si ringraziano per il supporto:

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e

Carlo Erba Reagents s.r.l.