



## **IBPM Annual Meeting 2018**

### **Health, disease and environmental research: biology, tools and applications**

8 Maggio 2018, CNR, AULA CONVEGNI

9.00-9.20: Registration

#### ***Session 1. Opening Session in honor of Prof. Chiancone: 15 Years of Protein Studies at IBPM***

- 9.20-9.30 Patrizia Lavia, IBPM Acting Director: Welcome message
- 9.30-9.45 Tullio Pozzan: Greetings from the Director, CNR Dept Biomedical Sciences
- 9.45-10.15 Maurizio Brunori (Accademia dei Lincei): "University-CNR cooperation in Structural Biology"
- 10.15-10.45 Alberto Boffi (Dept of Biochemical Sciences, Sapienza University): "Ferritins: iron considerations from science to technology"
- 10.45-11.15 Andrea Ilari (IBPM - Sapienza BioCrystal Facility): "Protein crystallography at IBPM: function discovery of cage-like proteins and sorcin"

11.15-11.45: Coffee break

#### ***Session 2. Innovative Resources, Tools and Technologies***

- 11.45-12.25 Veronica Morea, Loredana Le Pera and Allegra Via: "Bioinformatics@IBPM: atomic level, whole genome scale and the ELIXIR Infrastructure for Bioinformatics"
- 12.25-12.45 Giulia Guarguaglini: "Imaging protein interactions and modifications in space and time"

12.45-14.15. Lunch break and poster session

#### ***Session 3. Innovative Applications: Agrifood and the Environment***

- 14.15-14.35 Maura Cardarelli: "Control of male fertility in self-pollinating plants by alternative splicing"
- 14.35-14.55 Patrizia Brunetti: "Heavy metal and arsenic accumulation in plants: molecular mechanisms and applications in phytoremediation"

#### ***Session 4: Innovative Design in Cancer Therapy***

- 14.55-15.15 Barbara Illi: "Novel diagnostic and prognostic perspectives for Glioblastoma Multiforme"
- 15.15-15.35 Angela Tramonti: "Inhibition of serine hydroxymethyltransferase, a promising target for future chemotherapy intervention"

15.35-15.55: Coffee break

#### ***Session 5: Perspectives in Molecular and Cellular Neurobiology***

- 15.55-16.25 Paola Fragapane: "The IBPM Neuronet Consortium: a network to investigate molecular mechanisms underlying neuro-pathologies"
- 16.25-16.45 Cecilia Mannironi: "Neuronal circular RNAs in normal and pathological conditions: the case of autism spectrum disorders"
- 16.45-17.05 Nicoletta Corbi: "Molecular mechanisms of memory persistence"
- 17.05-17.25 Pietro Laneve: "Integrated RNA circuitries in motor neuron differentiation and degeneration"

17.25-17.40: Conclusive Remarks