



# IBPM annual meeting 2019: from model systems to therapies

Sala Marconi  
May 9<sup>th</sup>, 2019

9:00-9:20 *Registration*

- 9:20-9:30 **Patrizia Lavia**, IBPM Acting Director. Welcome  
9:30-9:40 **Tullio Pozzan**, Director of the CNR Department of Biomedical Sciences. Greetings

## SESSION 1: DRUG DISCOVERY (part 1)

- 9:40-10:30 **Ferdinando Squitieri** (IRCSS Casa Sollievo della Sofferenza and CSS-Mendel). Invited speaker. Huntington's disease: from biology to clinics towards new therapies  
10:30-10:50 **Elisa Caffarelli**. The European Paediatric Translational Research Infrastructure (EPTRI): the bridge towards the future of paediatric medicine  
10:50-11:10 **Pierpaolo Ceci**. Preclinical evaluation of a stimuli-sensitive nanocarrier based on the human ferritin for cancer therapy

11:10-11:40 *coffee break*

## SESSION 1: DRUG DISCOVERY (part 2)

- 11:40-12:00 **Theo Battista**. A double approach for anti-trypanosomatid drug discovery targeting Trypanothione reductase, a key enzyme for the redox equilibrium in Trypanosomatids.  
12:00-12:20 **Adele Di Matteo**. Exploiting nucleophosmin interactions for the treatment of acute myeloid leukemia  
12:20-12:40 **Veronica Morea**. Rational design of peptides for biomedical applications  
12:40-13:00 **Linda Celeste Montemiglio**. Cryo-EM structure of the human Ferritin-Transferrin Receptor 1 complex

13:00-14:30 *lunch break and poster session*

## SESSION 2: MODEL SYSTEMS IN BASIC AND APPLIED RESEARCH (part 1)

- 14:30-15:20 **Giulio Cossu** (Regenerative Medicine Chair, University of Manchester, UK). Invited speaker. Ex vivo gene therapy for Duchenne Muscular Dystrophy  
15:20-15:40 **Claudio Passananti**. Artificial Transcription Factors  
15:40-16:00 **Chiara Mozzetta**. H3K9 methylation controls Fibro-Adipogenic Progenitors identity and skeletal muscle repair

16:00-16:20 *coffee break*

## SESSION 2: MODEL SYSTEMS IN BASIC AND APPLIED RESEARCH (part 2)

- 16:20-16:40 **Maria Grazia Giansanti**. Investigating the molecular mechanisms underlying the neurological defects associated with Congenital Disorder of Glycosylation type IIe using *Drosophila* as a model system  
16:40-17:00 **Davide Marzi**. Constitutive Photomorphogenic 1 (COP1) mediates light-controlled stamen growth in *Arabidopsis thaliana*  
17:00-17:20 **Patrizia Filetici**. From yeast to cancer cells, epigenetic cross-talk and metabolism  
17:20-17:40 **Ambra Natalini**. Cell cycle analysis of clonally expanding antigen-specific CD8 T cells at different times after vaccination  
17:40-18:00 **Cinzia Rinaldo**. Pancreatic tumor formation and progression studies in the era of organoid models

18:00 *Concluding remarks and meeting closure*