



Under the patronage of

Consiglio Nazionale delle Ricerche



Sponsor



Scientific committee

Nicoletta Corbi

Andrea Ilari

Pietro Laneve

Roberto Piergentili

Maria Patrizia Somma

Organizing committee

Giulia Guarguaglini

Isabella Monosi

Barbara Ognibene

Roberto Piergentili

Loredana Verdone

segreteria.ibpm@cnr.it

Phone: +39 06 4993 3873-3874

IBPM Annual Meeting 2019

From model systems to therapies



Design by Glauco Di Stefano

Rome, May 9th 2019

CNR, Sala Marconi

09.00 - 09.20 **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
*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
*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**