

CRYO-ELECTRON

MICROSCOPY IN STRUCTURAL BIOLOGY:

paving the way towards precision
biomedicine and biotechnology

A Conference in memory of Emilia Chiancone

Cryo-electron microscopy is revolutionizing the understanding of physiology and pathology and it will allow us to design therapies with an unprecedented insight of biological targets.

It is of crucial importance that the larger public and scientific community achieve awareness of this scientific revolution, awarded the Nobel Prize in 2017.

We wish to honor the memory of Prof. Emilia Chiancone, who championed an integrative approach to biomedicine through excellent biochemistry and integrative structural biology in a synergy between Academia and CNR.



REGISTRATION is compulsory by filling the format on:
<https://prometeus-rise.org/mandatory-registration>
For further information please contact Beatrice Vallone
beatrice.vallone@uniroma1.it.

10th October 2019

Sapienza University of Rome, Sala Odeion

9.30-10.00 Opening Ceremony

Prof. Eugenio Gaudio

President of Sapienza University of Rome

Prof. Maurizio Brunori

Accademia Nazionale dei Lincei and
Sapienza Emeritus Professor

10.00-12.30

Session: CryoEM and biomedicine Part I

Prof. Ben F. Luisi

The EMBO Keynote Lecture
Cambridge University (Cambridge, UK)

Prof. Daniela Rhodes

Nanyang Technological University (Singapore)

Dr. Giovanna Scapin

Merck (Kenilworth, NJ, USA)

Prof. Martino Bolognesi

Universtà di Milano (Milano, Italy)

13.30-15.00

Session: CryoEM and biomedicine Part II

Prof. Filippo Mancia

Columbia University (NYC, USA)

Prof. Beatrice Vallone

Sapienza Università di Roma (Roma, Italy)

Dr. Alessandro Vannini

The Institute of Cancer Research (London, UK)

15.30-17:00

Session: CryoEM sheds light on dynamical processes

Dr. Kiyoshi Nagai

Medical Research Council (Cambridge, UK)

Prof. Gebhard Schertler

Paul Scherrer Institute (Villigen, CH)

Prof. Giuseppe Zanotti

Università di Padova (Padova, Italy)

11th October 2019

CNR, Sala Convegni

9.30-10.00 Welcome by the CNR president

Prof. Massimo Inguscio

Eulogy of Prof. Emilia Chiancone

10.00-12.30

Session: CryoEM sheds light on dynamical processes

Dr. Jürgen M. Plitzko

Max Planck Institute (München, Germany)

Dr. Peter Rosenthal

The Francis Crick Institute (London, UK)

Prof. Bram Koster

Leiden University (Leiden, The Netherlands)

Prof. Andrea Mattevi

Università di Pavia (Pavia, Italy)

13.30-15.30

Session: The methodology and its developments

Prof. Amédée Des Georges

CUNY (NYC, USA)

Dr. Edoardo D'Imprima

Max Planck Institute (Frankfurt, Germany)

Talks from ThermoFisher, Jeol and Gatan

16.00-17.30

Round table on CryoEM: development of networks and infrastructures

Panellists: Martino Bolognesi, Daniela Rhodes,
Marco Rossi, Giovanna Scapin, Giuseppe Cannone,
Willa Appel, Giancarlo Tria, Alessandro Vannini.

Scientific Committee: A. Boffi, B. Botta, A. Ilari, P. Lavia,
L. Federici, F. Mancia, A.E. Miele, D. Rhodes, B. Vallone.

Organizing Committee: B. Vallone, C. Savino, A. Ilari,
L.C. Montemiglio, G. Giardina, A. Di Matteo, F. Angelucci,
A. Fiorillo, G. Boumis, L. Federici, C. Exertier.

Chair: M. Brunori, P. Lavia, A. Luini, W. Appel.