

AIMS

To present and discuss the DMM areas of investigation in the context of biomedical and translational research programmes that are currently among the most attractive subjects of international research calls.

To debate scientific results and achievements with renowned scientists invited to be part of an external peer-review panel of DMM research activities.

To disseminate and implement knowledge in relevant areas of the Molecular Medicine and Applied Medical Sciences creating a forum for discussion involving young and senior scientists, professionals and officers active in the fields of Molecular and Cell Biology, Biochemistry, Developmental Biology and Morphological Sciences, Microbiology and Infectious Diseases, Clinical Medicine and Public Health.

PROGRAMME

The framework of the Meeting consists of six sessions focused on the more significant research areas of the Department, with introductory keynote lectures and oral presentations by the DMM principal investigators

SCIENTIFIC ORGANIZERS

Giorgio Palù
Riccardo Manganelli

Department of Molecular Medicine, University of Padua.

UNIPD SPEAKERS AND CHAIRS

Alfredo Alberti	Marco Montagner
Gualtiero Alvisi	Graziano Martello
Paolo Bonaldo	Monia Pacenti
Paola Brun	Giorgio Palù
Anna Maria Brunati	M. Cristina Parolin
Arianna Calistri	Stefano Piccolo
Matilde Cescon	Fulvio Ursini
Michelangelo Cordenonsi	Sara Richter
Arianna Loregian	Marta Trevisan
Matilde Maiorino	Corrado Viafora
Riccardo Manganelli	

GUEST SPEAKERS AND CHAIRS

Alberto Bardelli
Torino

Vania Broccoli
Milano

Stefano Campaner
Milano

Mario Clerici
Milano

Paolo Grumati
Frankfurt am Main

Anna Prugnola
Siena

John J. Skehel
London

SECRETARIAT

Roberta Gloder

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ECM—PROVIDER

Dipartimento di Medicina Molecolare—DMM

ID PROVIDER : 4957

ID EVENT: 158163

The event will have **5 ECM credits** for the following professional figures: MD, Biotechnologist, Biologist, Pharmacist, Chemist, Health and Sanitary technician

REGISTRATIONS

The course is free and reserved for 200 participants.

[Click here](https://goo.gl/Pk7rgH) to register (<https://goo.gl/Pk7rgH>)



OFFICIAL LANGUAGE

The official language is English. There will be no simultaneous translation

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Dipartimento di Medicina Molecolare

DMM SCIENTIFIC
MEETING

Padua, May 26th—27th, 2016

AULA MAGNA

POLO A. VALLISNERI

Viale G. Colombo 3—35131 Padova



Thursday, MAY 26th

13.00 Registrations

OPENING

13.30 *Welcome to participants*
Giorgio Palù

SESSION 1 - BIOCHEMISTRY, MOLECULAR BIOLOGY AND FUNCTIONAL GENOMICS
Chair Fulvio Ursini

13.45 *Extracellular matrix: a dynamic microenvironment for stem cells niche*
Paolo Bonaldo

14.05 *GPx4: How redox chemistry impacts on life, from spermatogenesis to cell death*
Matilde Maiorino

14.25 *Mycobacterium tuberculosis functional genomics*
Riccardo Manganelli

14.45-14.55 Discussion

14.55 - 15.20 BREAK

SESSION 2 - CANCER BIOLOGY
Chair Stefano Piccolo

15.20 *Cancer genetics and rational treatment*
Alberto Bardelli

15.40 *Myc in growth control and lymphomagenesis*
Stefano Campaner

16.00 *Metastatic dormancy*
Marco Montagner

16.20 *Protein kinases in leukemia progression*
Anna Maria Brunati

16.40-16.50 Discussion

SESSION 3 - ADVANCED CELL AND MOLECULAR THERAPY
Chair M.Cristina Parolin

16.50 *Role of G-quadruplex in viral replication and transcription*
Sara Richter

17.10 *Targeting a highly-conserved, dual binding site of HPV E6 oncogenic protein to develop new anticancer drugs*
Arianna Loregian

17.30 *Viral vectors for therapeutic approaches of infectious and chronic diseases*
Arianna Calistri

17.50- 18.00 Discussion

FRIDAY, MAY 27th

PLENARY LECTURE

09.00 *Antibody recognition of the influenza haemagglutinin*
Sir John J. Skehel

SESSION 4 - MICROBIAL PATHOGENESIS AND IMMUNITY
Chair Giorgio Palù

10.00 *Innovative technologies for vaccines*
Anna Prugnola

10.25 *The microbiota and its alterations in HIV infection*
Mario Clerici

10.50 *Host factors in HCV replication*
Gualtiero Alvisi

11.15 - 11.30 Discussion

11:30 - 11.50 BREAK

SESSION 5 - TRANSLATIONAL MEDICINE
Chair Alfredo Alberti

11.50 *New approaches in the treatment of viral hepatitis*
Alfredo Alberti

12.10 *A molecular platform for flavivirus vaccine development*
Giorgio Palù

12.30 *Science and society: from Public Understanding of Science to Public Engagement in Science*
Corrado Viafora

12.50 - 13.00 Discussion

13.00 - 14:00 Lunch

SESSION 6 - STEM CELL BIOLOGY AND REGENERATIVE MEDICINE
Chair Paolo Bonaldo

14.00 *Metabolic control of Pluripotent stem cells"*
Graziano Martello

14.20 *Selective autophagy in HSN II neuropathy*
Paolo Grumati

14.40 *Chromatin activation in Yap/Taz-directed oncogenesis*
Michelangelo Cordenonsi

15.00 *CRISPR/Cas9 genome editing methods for an improved iPSC-based disease modeling and novel therapeutics*
Vania Broccoli

15.20 *Collagen VI: a key extracellular matrix protein at the cross road of muscle and nerve regeneration*
Matilde Cescon

15.40 *Modeling flavivirus infection in human neuronal model*
Monia Pacenti, Marta Trevisan

16.00 *Effects of cold plasma on microorganisms, cells and tissues*
Paola Brun

16:20 - 16:40 Conclusions and ECM test