



UNIVERSITÀ
DI TORINO

School of Medicine and Surgery
Department of Clinical and Biological Sciences
University of Torino, Italy



"San Luigi Gonzaga" Didactic Center
(yellow classroom)
Regione Gonzole 10, Orbassano (TO)

Multidisciplinary Elective Didactic Activity

Cerebrovascular malformations: pathogenic mechanisms and therapeutic strategies

09/04/2024

09:00-10:00 - Prof. *Saverio Francesco Retta* (Applied Biology)
Department of Clinical and Biological Sciences, University of Torino

**From genes to targeted therapies: the long climb to the cure of
Cerebral Cavernous Malformation (CCM) disease**

10:00-11:00 - Prof. *Carla Olivieri* (Applied Biology)
Department of Molecular Medicine, University of Pavia, Italy

**Cerebral Arteriovenous Malformation in a rare disease: the story
of Hereditary Hemorrhagic Telangiectasia (HHT)**

11:00-12:00 - Dr. *Souvik Kar* (Molecular Biology)
International Neuroscience Institute (INI), Hannover, Germany

**Non-coding RNA repertoires in Cerebral Cavernous Malformations:
identification and role in disease pathogenesis**

In-person seminars and live webinars

organized by

Prof. Saverio Francesco Retta and Dr. Andrea Perrelli

For information and free registration,
please contact: andrea.perrelli@unito.it



CCM ITALIA
La community Italiana per Le
Malformazioni Cavernose Cerebrali
Acting locally. cooperating globally





**UNIVERSITÀ
DI TORINO**

**School of Medicine and Surgery
Department of Clinical and Biological Sciences
University of Torino, Italy**



**"San Luigi Gonzaga" Didactic Center
(yellow classroom)
Regione Gonzole 10, Orbassano (TO)**

Multidisciplinary Elective Didactic Activity

Cerebrovascular malformations: pathogenic mechanisms and therapeutic strategies

09/04/2024

**14:00-15:00 - Dr. *Eva Faurobert* (Cell and Molecular Biology)
Institute for Advanced Biosciences, (IAB), CNRS, Grenoble, France**

**Role of mechanotransduction in the pathogenesis of
Cerebral Cavernous Malformation disease**

**15:00-16:00 - Dr. *Andrea Perrelli* (Applied Biology)
Department of Pharmacology and Physiology, University of
Rochester, Rochester, NY, USA**

**Towards precision nanomedicine for Cerebral
Cavernous Malformation (CCM) disease**

In-person seminars and live webinars

organized by

Prof. Saverio Francesco Retta and Dr. Andrea Perrelli

For information and free registration,
please contact: andrea.perrelli@unito.it



CCM ITALIA
La community Italiana per Le
Malformazioni Cavernose Cerebrali
Acting locally. cooperating globally



School of Medicine and Surgery
Department of Clinical and Biological Sciences
University of Torino, Italy



UNIVERSITÀ
DI TORINO

"San Luigi Gonzaga" Didactic Center
(yellow classroom)
Regione Gonzole 10, Orbassano (TO)

Multidisciplinary Elective Didactic Activity

***Cerebrovascular malformations:
pathogenic mechanisms and therapeutic strategies***

10/04/2024

09:00-10:00 - Prof. Marco Fontanella (Neurosurgery)
Department of Surgical Specialties, University of Brescia, Italy

Clinical and neurosurgical features of Cerebral Cavernous Malformation (CCM) Disease

10:00-11:00 - Prof. Paola Gamba (General Pathology)
Department of Clinical and Biological Sciences, University of Torino

Brain Cholesterol Dysmetabolism: a Key Feature in Neurodegeneration and Brain Diseases

11:00-13:00 - Prof. Giovanni Battista Ferrero (Clinical Genetics)
Department of Clinical and Biological Sciences, University of Torino

**The potential of Next-Generation Sequencing (NGS) technology:
comprehensive whole-genome profiling to identify genetic variants**

In-person seminars and live webinars

organized by

Prof. Saverio Francesco Retta and Dr. Andrea Perrelli

For information and free registration,
please contact: andrea.perrelli@unito.it



CCM ITALIA
La community Italiana per Le
Malformazioni Cavernose Cerebrali
Acting Locally, cooperating globally





**UNIVERSITÀ
DI TORINO**

**School of Medicine and Surgery
Department of Clinical and Biological Sciences
University of Torino, Italy**



**"San Luigi Gonzaga" Didactic Center
(yellow classroom)
Regione Gonzole 10, Orbassano (TO)**

Multidisciplinary Elective Didactic Activity

Cerebrovascular malformations: pathogenic mechanisms and therapeutic strategies

10/04/2024

15:00-16:00 - Prof. *Angela Glading* (Cell and Molecular Biology)

*Department of Pharmacology and Physiology, University of
Rochester Medical Center, Rochester, NY, USA*

The Multifaceted Roles of the Scaffold Protein KRIT1/CCM1: A Master Regulator of Cerebrovascular Quiescence

In-person seminars and live webinars

organized by

Prof. Saverio Francesco Retta and Dr. Andrea Perrelli

For information and free registration,
please contact: andrea.perrelli@unito.it



CCM ITALIA
La community Italiana per Le
Malformazioni Cavernose Cerebrali
Acting Locally. cooperating globally



**UNIVERSITÀ
DI TORINO**

**School of Medicine and Surgery
Department of Clinical and Biological Sciences
University of Torino, Italy**



**"San Luigi Gonzaga" Didactic Center
(yellow classroom)
Regione Gonzole 10, Orbassano (TO)**

Multidisciplinary Elective Didactic Activity

***Cerebrovascular malformations:
pathogenic mechanisms and therapeutic strategies***

12/04/2024

09:00-10:00 - Dr. Carmelo Sturiale (Neurosurgery)

Catholic University of the Sacred Heart, Rome, Italy

**Neurosurgical treatment of the main
Cerebrovascular Malformations**

22/04/2024

10:00-11:00 - Prof. Cinzia Antognelli (Applied Biology)

Department of Medicine and Surgery, University of Perugia, Italy

Glycative Stress in Health and Disease

In-person seminars and live webinars

organized by

Prof. Saverio Francesco Retta and Dr. Andrea Perrelli

For information and free registration,
please contact: andrea.perrelli@unito.it



CCM ITALIA

La community Italiana per Le
Malformazioni Cerebrali
Acting Locally. cooperating globally