



"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









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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

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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

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

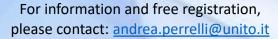
Department of Pharmacology and Physiology, University of Rochester Medical Center, Rochester, NY, USA

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

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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

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