



UNIVERSITÀ DEGLI STUDI
DI GENOVA



ISTITUTO
ITALIANO DI
TECNOLOGIA

UNIVERSITY OF GENOA
PHD COURSE IN NEUROSCIENCE

SUMMER SCHOOL '24 PART I

July 02nd & July 03th
July 5th morning
July 09th
&
July 11th afternoon
2024

Polo Didattico Biomedico (Ex Saiwa)
C.so Gastaldi 161, Genova

TUESDAY - JULY 2ND
ROOM 02 - GROUND FLOOR

NEURO-ONCOLOGY & NEUROPHARMACOLOGY

Tutor : Tullio Florio, Pietro Fiaschi

09.00 - 12.00 - *Unraveling the Voltage-Gated Sodium Channel's Impact on Glioma Progression*

Prof. Federico Brandalise, University of Milan - Department of Bioscience

Lunch Break

14.00-17.00 - *Multifaceted neural stem cell and glia dysfunction in CNS disorders*

Prof. ssa Mariagrazia Grilli MD PhD, University of Piemonte Orientale - laboratory of Neuroplasticity DSF

WEDNESDAY - JULY 3RD
ROOM 05 - GROUND FLOOR

NEUROMUSCULAR DISORDERS

Tutor : Angelo Schenone, Marina Grandis, Chiara Fiorillo

09.00 - *Welcome from the organizing committee*

Prof. A.Schenone, Prof.ssa M,Grandis, Dr.ssa C.Fiorillo

09.30-10.30 - *Neuropathology of inherited and acquired neuropathies*

Prof.Angelo Schenone, University of Genova

10.30-11.30 - *Missing heritability and genetic modifiers of inherited neuromuscular disorders*

Prof.Andrea Cortese, University of Pavia

11.30-12.30 - *The role of Muscle MRI in Neuromuscular Disorders*

Dr. Federico Zaottin, University of Genoa

Lunch Break

14.00-15.00 - *CRISPR Medicine in Limb Girdle Muscular Dystrophies*

Dr. Elisabetta Gazzero, Unit of Muscle Research, Charite University, Berlin.

15.00-16.00 - *Spinal muscular atrophy. Challenges in the therapeutic era and identification of novel biomarkers*

Prof. Claudio Bruno, University of Genoa

16.00-17.00 - *Stem Cell-Based Models to Delve into Congenital Myopathies*

Dr.Reem Bou Akar, UPEC - Paris Est University INSERM U955, team Biology of the Neuromuscular System, Faculty of medicine

FRIDAY - JULY 5TH

ROOM 05 - GROUND FLOOR

NEUROPSYCHIATRIC DISEASES

Tutor : Gianluca Serafini

9.00 - 10.30 - *Neurobiology of major psychiatric disorders*

Prof. Michael Maes, Chulalongkorn University, Bangkok, Thailand

10.30-12.00 - *Mechanisms of the immune response in the Central Nervous System*

Prof. Antonio Uccelli, IRCCS San Martino Hospital and University of Genoa

THUESDAY - JULY 09TH

ROOM 05 - GROUND FLOOR

MOTOR & SPORTS SCIENCE

Tutor : Emanuela Faelli, Ambra Bisio, Piero Ruggeri

09.00 - 12.00 - *Experience- and context-dependent modulation of motor resonance*

Prof. Cosimo Urgesi, University of Udine

Lunch Break

14.00-17.00 - *Team Sports for Health*

Prof. Carlo Castagna, University Carlo Bo of Urbino

THURSDAY - JULY 11TH

ROOM 05 - GROUND FLOOR

NEUROPSYCHIATRIC DISEASES

Tutor : Francesco Papaleo

13.00-14.00 - *Psychiatric disorders as disorders of social interaction: Insights from social neuroscience and clinical psychiatry*

Prof. Dr. med. Leonhard Schilbach, Department for General Psychiatry, LVR-Klinikum Düsseldorf

14.00-15.00 - *The National Facility for Genomics: technologies, services available and mode of access*

Dr. Clelia Peano, Human Technopole, Head of National Facility for Genomics

15.00-16.00 - *Circuits of Emotion Recognition: relevance to psychiatric disorders*

Dr. Francesco Papaleo, IIT, Genova