# WINTER SCHOOL
Mitochondria in health, disease and aging

DEC 16 – DEC 20, 2024
GRAND CHATEAU, UNIVERSITÉ CÔTE D'AZUR,
AV. VALROSE, NICE, FRANCE

This Winter School, as part of the Life and Health Sciences Graduate School at Université Côte d'Azur, combines research and training, with contributions by experts in the field of mitochondrial diseases. The goal is to faster reflexion and exchange with national and international researchers, who will present their work focused on mitochondrial functions and dysfunctions.
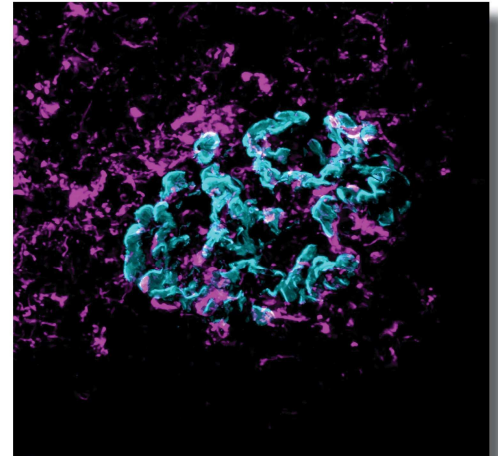
DECEMBER 16TH, SALLE DES ACTES

09:30 (60min) **MITOCHONDRIAL-DRIVEN INFLAMMATION IN CANCER AND AGING**

Stephen Tait,
(University of Glasgow, UK)

10:30 (60min) **NOVEL CAUSES OF TYPE 1 INTERFERONOPATHIES LINKED TO MITOCHONDRIAL INTEGRITY**

Alice Lepelley,
(Imagine Institute, France)

DECEMBER 17TH, THEATRE

09:30 (60min) **PLURIPOTENT STEM CELLS AND BRAIN ORGANOIDS IN MITOCHONDRIAL RESEARCH**

Alessandro Prigione,
(Düsseldorf University, Germany)

10:30 (60min) **ELUCIDATING THE MECHANISMS UNDERLYING MITOCHONDRIAL DYSFUNCTIONS IN ALZHEIMER'S DISEASE: DIAGNOSTIC AND THERAPEUTIC PERSPECTIVES**

Mounia Chami,
(IPMC, France)

DECEMBER 18TH, THEATRE

09:30 (60min) **NIFUROXAZIDE RESCUES THE DELETERIOUS EFFECTS ASSOCIATED WITH MICOS INSTABILITY IN DISEASE MODELS**

Baptiste Ropert,
(IRCAN Institute, France)

10:30 (60min) **TK2 DEFICIENCY: FROM DIAGNOSIS TO TREATMENT**

Cristina Dominguez Gonzalez,
(i+12 Research Institute, Spain)

DECEMBER 19TH, THEATRE

09:30 (60min) **MTDNA, DISEASE AND AGING**

Maria Falkenberg,
(University of Göteborg, Sweden)

10:30 (60min) **TOPOISOMERASE 3 ALPHA: FROM MOLECULAR MECHANISMS TO DISEASE**

Thomas Nicholls,
(Newcastle University, UK)

DECEMBER 20TH, THEATRE

09:30 (60min) **IN VITRO IPSC-DERIVED MODELS OF MTDNA-RELATED DISORDERS**

Valéria Tiranti,
(Fondazione IRCCS Instituto Neurologico Carlo Besta, Italy)

10:30 (60min) **DEVELOPING NEURONAL MODELS TO STUDY MITOCHONDRIAL DISEASES**

Denisa Hathazi,
(University of Cambridge, UK)

Mandatory registration:
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SCHEDULE