

Journées de l'Ecole Doctorale de Nice

Lundi 23, Mardi 24 et Mercredi 25 mai 2022

Petit Valrose, Faculté de Valrose

Av. Joseph Vallot, 06100 Nice

Abstract book

Guest speakers

Payam Gammage (UK)

Clémentine Le Magnen (CH)

Our sponsors



Keynote lecture

This year the JEDNs are pleased to welcome:



[Payam Gammage](#) is a Principal Investigator in the Mitochondrial Oncogenetics team in **The Beatson Institute for Cancer Research in Glasgow (UK)**. His research focuses on determining the role of mitochondrial genetics and gene expression in human cancer.




[Clémentine Le Magnen](#) is a Principal Investigator in the Translational Genitourinary Cancer Research team in **The Research Department Pathology (RDP) on the campus of the University of Basel (CH)**. She and her colleagues mainly focus on prostate and bladder cancer translational research using patient-derived organoid models.

Detailed Program



Monday May 23th

9h00 – 09h30	Registration
9h30 – 10h00	Opening and welcoming talk by Dr Olivier Soriani, Director of the doctoral school and Marion Janona, AdBioNice association chief
10h00 – 10h30	ProteinTech and New England Biolabs sponsor talks
10h30 – 11h00	 Coffee Break

11h00 – 12h15 Invited Keynote Lecture: **Dr. Payam Gammage**, from the Beatson Institute for Cancer Research in Glasgow (UK)

12h15 – 13h30 Lunch Break 

13h30 – 15h30 Oral Communication Session 1: Cancerology/Immunology

OC-1 Camille Berenguier

Cancer-related mutations of KCNQ1 promote Wnt/beta-catenin pathway activity.

OC-2 Aurore Bernardin

Study of Parkin Role in Glioblastoma Pathophysiology.

OC-3 Alexandrine Carminati

Role for the Lysyl Oxidase Like 2 (LOXL2) enzyme in stromal matrix remodeling and invasive properties of dedifferentiated melanoma cells.

OC-4 David Chardin

Development of a tool to help classify adult glial tumors based on metabolomics.

OC-5 Marion Janona

Inhibition of the IRE1 alpha pathway enhances the anti-tumoral activity of Sorafenib in hepatocellular carcinoma.

OC-6 Kitti Jenovai

Macrophages awaken dormant cancer cells.

OC-7 Imène Krossa

Molecular mechanisms involved in metastatic uveal melanoma (MUM): identification of actionable vulnerabilities via a CRISPR-Cas9 screen.

OC-8 Manon Penco-Campillo

Targeting of the ELR+CXCL/CXCR1/2 pathway is a promising strategy for the treatment of pediatric medulloblastomas.

15h30 – 16h00

 Coffee Break

16h00 – 17h15

Oral Communication Session 1: Cancerology/Immunology

OC-9 Brenda Queron

Nuclear transport inhibition in glioma stem cell: a new therapeutic strategy based on cell differentiation.

OC-10 Zeinab Rekad

SAM68 a guiding STAR during endothelial cell adhesion and extracellular matrix conditioning.

OC-11 Marin Truchi

Comprehensive analysis of hypoxia-regulated long non-coding RNAs in lung adenocarcinoma cells using a single-cell CRISPR-interference-based transcriptional screening.

OC-12 Lauriane Blot

CLEC12B function in skin immunity.

OC-13 Julia Halper

Metabolic and transcriptomic phenotyping of osteoclasts at the single cell level to uncover their diversity.

17h15 – 18h45

Poster session 1 (Thématiques mixtes)

Tuesday May 24th

8h00 – 08h30 Registration

08h30 – 10h30 Oral communication Session 2: Physiopathology

OC-14 Benoit Allegrini

Functional coupling between KCNN4 and PMCA in red blood cells.

OC-15 Chaïma Ayachi

Reprogramming gastrointestinal cells: A new strategy to restore endogenous insulin production for diabetes?

OC-16 Alia Bahri

Environmental stress control RNA granule formation and content in *C.elegans*.

OC-17 Mélanie Billaud

Effects of environmental conditions on the expression of pathogenic factors of *Vibrio parahaemolyticus*.

OC-18 Alexandre Gallerand

Defining the diversity and functions of brown adipose tissue myeloid cells.

OC-19 Tynhinane Hamidouche

Telomerase is required for glomerular renewal in kidneys of adult mice.

OC-20 Florent Murcy

Hepatic glutaminolysis role in the progression of atherosclerosis.

OC-21 Adrien Poquet

Effects of environmental conditions on the expression of pathogenic factors of *Vibrio parahaemolyticus*.

10h30 – 11h  Coffee Break

11h00 – 11h45 Oral communication Session 2: Physiopathology

OC-22 Bastien Simoneau

Development of biomimetic bone matrices loaded with uranium to study the effect of this actinide on bone cells.

OC-23 Fatima Tleiss

New defense mechanism in *Drosophila melanogaster* larvae after ingestion of pathogenic bacteria.

OC-24 Asma Yacin Ibrahim

Role of environmental factors (UVs) on skin physiopathology via the dual function protein CD98hc.

11h45 – 13h15 Lunch Break 

13h15 – 14h30

Invited Keynote Lecture: **Dr. Clémentin Le Magnen** from the Research Department of University of Basel (CH).

14h30 – 15h30

Oral Communication Session 3: Neurobiology

OC-25 Elissa Afram

Fragments resulting from the cleavage of APP by η -secretase in Alzheimer's disease.

OC-26 Charlotte Bauer

Contribution to the study of risk factors for Alzheimer's disease : analysis of candidates identified by genome-wide association studies or GWAS.

OC-27 Bruna De Queiroz

The role of local RNA translation in long-term memory formation.

OC-28 Valentin Guidal

Neuronal hippocampal activity propagation in a neurodevelopmental mouse disease model.

15h30 – 16h00



Coffee Break

16h00 – 17h30

Oral Communication Session 3: Neurobiology

OC-29 Félicie Kieffer

Exploration of the nuclear fonctions of Fragile X Mental Retardation protein involved in Fragile X syndrome .

OC-30 Arnaud Landra-Willm

Dual effect of TRESK-C317F mutation related to epilepsy.

OC-31 Wendy Marcantonio

Study of the neural circuits involved in the autistic behavior of mice deficient in Nav1.2 sodium channels.

OC-32 Wanchana Phromkrasae

Use of the Genetic Code Expansion Approach to Study Pathological Point Mutations in the NR2F1 Gene.

OC-33 Marco Raffaelli

The Role of Telomeres in Neuronal Aging.

OC-34 Clara Sanchez

Implication of diet Omega6/Omega3 fatty acid ratio on the obesity development, associated neuroinflammation and cognitive disorders.

17h15 – 18h45

Poster session 2 (Thématiques mixtes)

Starting at 19h00

Dinner



Wednesday May 25th

8h30 – 9h00 Registration

9h00 – 10h15 Oral communication Session 4: Biochemistry/Bioinfo/Plant Biology

- OC-35 Carole Belliardo**
Pan-genome analysis reveals the history of horizontal transfers of genes involved in the biology of plant-parasitic nematodes by mining soil metagenomes.
- OC-36 Sakshi Khaiwal**
A machine learning-based framework to predict quantitative phenotypes in yeast.
- OC-37 Ruo-Han Ma**
Does bottom-up effect reach in natural enemies?.
- OC-38 Antoine Reynaud**
Capture mechanisms of transport nanovesicles by Tumor Protein D54.
- OC-39 Mélody Subra**
VAP-A intrinsically disordered regions enable versatile membrane tethering to drive mitochondria fusion and Golgi traffic.
- OC-40 Nicolo Tellini**
Introgressions shaped the evolutionary history of *Saccharomyces cerevisiae*.
- OC-41 Lahiru Chamara Weerasinghe Arachchige**
GREB1L: An Essential Gene for Caudal Mesoderm Patterning and Differentiation.

10h15 – 10h45 Coffee Break

10h45 – 12h00 Invited Keynote Lecture: **to determined.**

12h00 – 13h00 Lunch Break

13h00 – 13h30
Talk from AJC06 PhD/PostDoc association
Talk from the Maison des Etudes Doctorales
Talk from UCA psychologist

13h30 – 14h30
Stands de l’AJC06/MED
Présentation d’un professeur d’enseignement sur la gestion du stress

14h30 – 15h30 Atelier Kiné ?

15h30 – 16h00 Jury Deliberation

16h00 – 16h30 Closing session and JEDNs awards

