Executive Board
David Shore
Emmanouil T. Dermitzakis
Denis Duboule
Emi Nagoshi
Walter Reith

8th iGE3 Annual Meeting
and presentation of the 7th iGE3 PhD Salary Awards
Auditorium HES - “La Roseraie”

Monday, 4 November 2019

8:30 – 8:55 Welcome coffee
8:55 – 9:00 Opening by Profs Françoise Stutz and Patrick Meraldi, organizers

Session 1
9:00 – 9:30 Prof. Marc Abramowicz (Dept of Genetic Medicine and Development, new iGE3 member):
"Digenic and more complex phenotypes: a genomic medicine-oriented perspective"
9:30 – 9:55 Prof. Martine Collart (Dept. of Microbiology and Molecular Medicine):
"Co-translational assembly of proteasome in Not1-containing assemblysomes"

Session 2 – PhD Salary awards
9:55 – 10:00 Presentation of the PhD Salary awards by Prof. David Shore, Director of iGE3, Dept of Molecular Biology
10:00 – 10:10 Mr. Ridouane ACHARGUI (Prof. Christian Lüscher Group)
“Transcriptomic and epigenetic basis of addiction vulnerability”
10:10 – 10:20 Ms. Laura IGLESIAS (Prof. Brigitte Galliot Group)
“Control of HYDRA regeneration: the role of Sp5, an evolutionarily-conserved repressor of Wnt/β-catenin signaling”
10:20 – 10:30 Mr. Lingyun LI (Prof. Ramesh Pillai Group)
“Deciphering the role of m6A RNA modification in mammalian fertility”
10:30 – 11:00 Coffee break
11:00 – 11:10 Mr. Quentin LO GIUDICE (Prof. Denis Jabaudon Group)
“Intrinsic and extrinsic control of progenitors transcriptional dynamics in the developing thalamus”
11:10 – 11:20  Mr. Matteo LUNGHI (Prof. Dominique Soldati-Favre Group)
“A genome-scale genetic screen in Toxoplasma gondii to identify genes involved in the apicomplexan transporters of vitamins B5 and B6”

11:20 – 11:30  Ms. Ambra SARTORI (Prof. E. Dermitzakis Group)
"Single-cell analysis of immune cell diversity in atherosclerotic plaques”

Session 3
11:30 – 11:55  Prof. Alicia Sanchez-Mazas
(Dept. of Genetics and Evolution; Anthropology Unit)
"Genetic identity and ancestry: medical implications”

11:55 – 12:40  Invited speaker:
Prof. Fanni Gergely (Cancer Research UK Cambridge Institute)
“The role of noncoding RNAs in cell division”

12:40 – 13:45  Lunch break

Session 4
13:45 – 14:30  Invited speaker:
Prof. Dr. Karsten Weis (Institute of Biochemistry, ETH, Zürich)
“The life of an mRNA - from birth to death”

14:30-14:55  Ms. Chloé Mayere (PhD student in Prof. Nef lab, Dept. of Genetic Medicine and Development)
“Transcriptomics of germ cells sex determination at the single cell resolution”

14:55 – 15:20  Prof. Manolis Dermitzakis (Dept. of Genetic Medicine and Development)
“Precision medicine: looking under the hood of disease causality and progression”

15:20 – 15:50  Coffee break

Session 5
15:50 – 16:15  Dr. Julien Soudet (Postdoc in Prof. Stutz lab, Dept. of Cell Biology):
“Fine chromatin-driven mechanism of transcription interference by antisense noncoding transcription”

16:15 – 16:40  Dr. Petros Tsantoulis (Translational Research Centre in Oncohaematology)
“Clinical implementation of precision oncology: the road ahead”

16:40 – 17:10  Prof. Ramesh Pillai (Dept. of Molecular Biology, new iGE3 member)
“RNA modifications in control of gene expression”

17:10 – 17:15  Symposium closure by the organizers

17:15 – 18:30  Apéro dînatoire