



**UNIVERSITÉ
DE GENÈVE**

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 LUNGI** (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*