



**UNIVERSITÉ
DE GENÈVE**

Executive Board

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

7th iGE3 Annual Meeting
and presentation of the 6th iGE3 PhD Salary Awards
CMU (new building) – Room B04.2222

Tuesday, 13 November 2018

08:30 – 09:00

Welcome coffee

09:00 – 09:10

Opening by Prof. David Shore, iGE3 Director
Department of Molecular Biology (BIMOL)

1. Session Molecular Cellular Biology

09:10 – 09:15

Introduction by Emi Nagoshi
Department of Genetic and Evolution (GENEV)

09:15 – 09:40

Alexandra Bondaz
PhD student in Monica Gotta group
*"How are polarity and spindle mechanics linked in the early division of *C. elegans* embryo?"*

09:40 – 10:05

Florian Steiner
Department of Molecular Biology (BIMOL)
*"A *C. elegans* model for the histone H3.3K27M cancer driver mutation".*

10:05 – 10:30

Julien Soudet
Postdoc in Françoise Stutz laboratory
"Pervasive transcription-dependent chromatin remodeling influences the yeast replication program".

10:30 – 10:50

Coffee break

10:50 – 11:15

Gaël Panis

Postdoc in Patrick Viollier laboratory

“Cell cycle constraints on the excision of the Caulobacter crescentus NA1000 mobile genetic element”

2. iGE3 PhD Salary awards winners

11:15 – 11:25

Presentation of the winners by Prof. David Shore

11:25 – 11:35

Ms. Jatinder Kaur Gill, PhD Salary Award winner

Prof. Françoise Stutz Group, Faculty of Science,
Dept. of Cellular Biology (BICEL)

Mechanism of chromatin regulation by non-coding transcription and its consequence on epigenetic inheritance in S. cerevisiae.

11:35 – 11:45

Ms. Chloé Mayere, PhD Salary Award winner

Prof. Serge Nef Group, Faculty of Medicine
Genetic Medicine and Development (GEDEV)

Switching sex in the adult life: investigating lineage plasticity and cell trans differentiation in adult ovaries at the single cell level.

11:45 – 11:55

Mr. Médéric Mouterde, PhD Salary Award winner

Dr. Estella Poloni Group, Faculty of Science
Dept. of Anthropology, Genetics and Evolution

Using ADME genes to study modern human evolution and adaptation

11:55 – 12:05

Mr. Aureliano Stingi, PhD Salary Award winner

Prof. Patrick Meraldi Group, Faculty of Medicine
Department of Cellular Physiology and Metabolism (PHYME)

Investigating the mitotic role of RB.

12:05 – 13:30

Lunch

3. Plenary talks

- 13:30 – 13:35 **Introduction by Prof. Denis Jabaudon**
Department of basic neuroscience (NEUFO)
- 13:35 – 14:20 **Prof. Dr. Fiona Doetsch**
Head of Research Group, Biozentrum, Basel
The Niche Goes Global: Long-Range Regulation of Adult Neural Stem Cells
- 14:20 – 14:25 Introduction by Prof. Emi Nagoshi
- 14:25 – 15:10 **Prof. Charalambos Kyriacou**
Professor of Behavioural Genetics, University of Leicester,
United Kingdom
Molecular genetics of biological rhythms: beyond circadian clocks
- 15:10 – 15:30 *Coffee break*

4. Session Neuroscience

- 15:30 – 15:35 Presentation by Prof. Denis Jabaudon
- 15:35 – 16:00 **Szymon Tomczyk**
Postdoc in Prof. Brigitte Galliot laboratory
“Loss of neurogenesis and loss of regeneration of the nervous system in aging Hydra”
- 16:00 – 16:25 **Esther Klingler**
Postdoc in Prof. Denis Jabaudon laboratory
“Single-cell molecular connectomics of intracortically-projecting neurons”
- 16:25 – 16:50 **Stefano Musardo**
Postdoc in Camilla Bellone laboratory
“Channelopathy in autism: a potential genetic factor underlying social dysfunction”
- 16:50 – 17:15 **Alexis Assens**
PhD student in Prof. Ivan Rodriguez laboratory
“Activation-induced olfactory receptor mRNA downregulation: from an adaptation mechanism to a deorphanisation tool “
- 17:15 – 17:20 Closure by the organizers
- 17:20: – 18:00 *“Apéritif dînatoire”*