



**UNIVERSITÉ
DE GENÈVE**

Executive Board

Stylianos E. Antonarakis
Emmanouil T. Dermitzakis
Denis Duboule
Didier Picard
Walter Reith

**3rd iGE3 Annual Meeting
and presentation of the 2nd iGE3 PhD Salary Awards**

Auditorium of the Louis-Jeantet Foundation

November 13, 2014

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| 10:00 – 10:10 | Opening by Prof. Stylianos E. Antonarakis
iGE3 Director |
| 10:10 – 10:50 | Prof. Lucas Pelkmans
Institute of Molecular Life Sciences, University of Zurich
<i>Transcript abundance in human cells approaches perfect controllability</i> |
| 10:50 – 11:05 | <i>Coffee break</i> |
| 11:05 – 11:20 | Isabelle Stévant, PhD Salary Awards winner
Prof. Nef's Group, Department of Genetic Medicine and Development,
Medicine Faculty
<i>Single cell characterisation of genetic programs during sex determination</i> |
| 11:20 – 11:35 | Marco Garieri, PhD Salary Awards winner
Prof. Antonarakis' Group,
Department of Genetic Medicine and Development, Medicine Faculty
<i>Understanding cellular heterogeneity of pancreatic islets of
Langerhans using single-cell RNA-seq</i> |
| 11:35 – 11:50 | Prof. Luis Lopez-Molina
Department of Botany and Plant Biology, Science Faculty
<i>The role of the endosperm and genomic imprinting
for the control of Arabidopsis seed germination</i> |
| 11:50 – 12:05 | Prof. Pierre Cosson
Department of Cell Physiology and Metabolism, Medicine Faculty
<i>Genetics of a killer</i> |
| 12:05 – 14:15 | <i>Lunch</i> |

- 14:15 – 14:55 **Prof. Tariq Enver**
UCL Cancer Institute, University College London
Priming stem cells for action – implications for commitment and regenerative medicine
- 14:55 – 15:10 **Prof. Monica Gotta**
Department of Cell Physiology and Metabolism, Medicine Faculty
Regulation of cell division timing during development
- 15:10 – 15:25 **Elodie Prince, PhD student**
Prof. Karch's Group, Department of Genetics and Evolution, Science Faculty
Function of the hox gene Abd-B in cellular trafficking and reproduction in Drosophila
- 15:25 – 15:55 *Coffee break*
- 15:55 – 16:10 **Nikolaos Panousis, PhD Salary Awards winner**
Prof. Dermitzakis' Group, Department of Genetic Medicine and Development, Medicine Faculty
Revealing the genetic and gene expression variation in a case-control study for Acute Myocardial Infarction in a Pakistani population
- 16:10 – 16:25 **Babatunde Ekundayo, PhD Salary Awards winner**
Prof. Schalch's Group, Department of Department of Molecular Biology, Faculty of Science
'Development of a nucleosome contact mapping technology for determination of chromatin higher order structure in vivo
- 16:25 – 16:40 **Prof. Thierry Soldati**
Department of Biochemistry, Science Faculty
Next Generation ... microbiology.
Amoebae as model hosts for infectious disease research?
- 16:40 – 16:55 **Prof. Joseph Curran**
Department of Microbiology and Molecular Medicine, Medicine Faculty
The consequences of transcriptional start site (TSS) heterogeneity for the transcriptome:
The example of the MCF7/MCF10A breast cancer model
- 16:55 – 17:10 **Dr Alexis Jourdain**
Prof. Martinou's Group, Department of Cell Biology, Science Faculty
Mitochondrial RNA granules
- 17:10 – 17:20 **Closure by the organizers**
Prof. Pedro L. Herrera
Department of Genetic Medicine and Development, Medicine Faculty
Prof. David Shore
Department of Molecular Biology, Science Faculty
- 17:20 – 18:00 *Aperitif*