



**UNIVERSITÉ
DE GENÈVE**

Executive Board

Dominique Soldati-Favre
Emi Nagoshi
Guillaume Andrey
Luis Lopez Molina
Christian Luescher

11th iGE3 Annual Meeting and presentation of the 10th iGE3 PhD Salary Awards

Monday, 7 November 2022 – Fondation Louis Jeantet (auditorium)

- 08:30 – 09:00 Welcome coffee
- 09:00 - 09:05 **Opening by Marie Barberon and Serge Nef**, organizers
- 09:05 – 09:35 **iGE3 speaker-opening lecture: Christian Luescher** (Faculty of Medicine)
“Single-cell transcriptomics of the subthalamic nucleus of mice and men”

Morning session – PhD Salary awards

- 09:35 – 9:40 Presentation of the PhD Salary awards by **Dominique Soldati-Favre**, Director of iGE3
- 09:40 – 09:55 **Aleksander Czauderna** – Simone Becattini group, Faculty of Medicine
“Mutational and transcriptional adaptations of gut microbiota to host immunity and their implications for disease”
- 09:55 – 10:10 **Luis Flores Horgue** – Ivan Rodriguez group, Faculty of Science
“Transcriptional adaptation of olfactory sensory neurons to GPCR identity and activity”
- 10:10 – 10:25 **Alexander Couzens** – Marguerite Neerman-Arbez group, Faculty of Medicine
“Exome sequencing and beyond to identify causative variants and genetic modifiers of blood clot dysfunction”
- 10:25 – 10:40 *Coffee break*
- 10:40 – 11:10 **Florian Steiner** (Faculty of Science, UNIGE)
“Setting Centromere Identity in the C. elegans Germ Line”

Session 2 – Keynote lecture 1

- 11:10 – 12:10 **Andreas Moor** (ETHZ)
 “Spatial biology in intestinal homeostasis and cancer”
- 12:10 – 13:20 *Lunch break*

Afternoon session 3

- 13:20 – 13:50 **Pei Hsuan Wu** (Faculty of Medicine, UNIGE)
 “PIWI-interacting RNAs in Sperm Function”
- 13:50 – 14:20 **Emi Nagoshi** (Faculty of Science, UNIGE)
 “Transcriptional network for maintaining mitochondrial structure and function and its implication in Parkinson’s disease”
- 14:20 – 14:50 **Guillaume Andrey** (Faculty of Medicine, UNIGE)
 “Mapping regulatory trajectories reveals principles of transcriptional initiation, maintenance and decommissioning in vivo”
- 14:50 – 15:10 *Coffee break*

Session 4 – Keynote lecture 2

- 15:10 – 16:10 **Idan Efroni**
(The Robert H. Smith Institute of Plant Sciences and Genetics in Agriculture, Israel)
 “Regulation of root initiation in flowering plants”
- 16:10 – 16:40 **Ivana Gasic** (Faculty of Science, UNIGE)
 “Regulation of tubulin gene expression via targeted mRNA degradation”
- 16:40 – 17:10 Closing lecture by **Kyrylo Krasnykov** (Faculty of Science, UNIGE)
 “Single-cell transcriptomics for insights into gene regulation by RNA modification”
- 17:10 – 17:20 Symposium closure by the organizers and Board members
- 17:20 – 18:20 *Apéro dînatoire*