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 – 09:40 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 Plan 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 dinatoire**