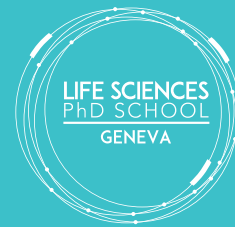


FORUM - PhD School of Life Sciences



Fondation Louis-Jeantet, Geneva
June 30th, 2022

Organizers : D. Garcin, D. Soldati-Favre, M. Kaksonen, A. Boland, M. Currat, M. Price, C. Lovis, E. Zdobnov, and M. Essaidi-Laziosi and D. Walser

08.30-09.00

Registration

Session 1

Genomics and Digital Health (GESAN) Chair: Douglas Teodoro

09:00-09:30

Silvia Stringhini, Faculty of Medicine, University of Geneva - SPECCHIO and SPECCHIO-COVID

09:30-09:45

Hugues Turbé - Building interpretable models for time series classification in medicine

09:45-10:00

Diana Avalos - Genetic variation in correlated regulatory region of immunity

10:00-10:30

Serge Nef, Faculty of Science, University of Geneva

Identification and characterization of a novel cell lineage in the developing mouse testis

Coffee Break

Session 2

Ecology and Evolution (ECOVO)

Chair: Michelle Price

11:00-11:30

Pascale Gerbault, Faculty of Science, University of Geneva - Are we still evolving?

11:30-11:45

Alexandros Tsoupas - Investigating the Neolithic Transition in Europe, using paleogenomes and spatially explicit simulations

11:45-12:00

Mathilde Ruche - Innovative techniques to better understand evolution in mosses

12:00-12:30

Anthony Lehmann, Faculty of Science, University of Geneva

What is sustainable? An answer through socio-ecological system assessment data and methods

12:30-12:35

Julien Levallois - The Science Innovation Hub

Lunch

Session 3

Biomedical Sciences (BIOMED)

Chair: Dominique Garcin

13:30-14:00

Arnaud Didierlaurent, Faculty of Medicine, University of Geneva

Innate response to vaccines and infection: what can we learn to make better vaccines?

14:00-14:15

Joao Petro Bonifacio Lopes - Optimizing the live attenuated influenza A vaccine backbone for high-risk patient groups

14:15-14:30

Valeriia Vartanova - The effect of graded beta-cell ablation and iscBAT loss on alpha-cell dynamics

14:30-15:00

Ronald Dijkam, Institute for Infectious Diseases, University of Bern

Characterization of emerging respiratory viruses in human and animal reservoirs

Coffee Break

Session 4

Molecular Biosciences (BIOMO)

Chair: Ivana Gasic

15:30-16:00

Sophie Martin, Department of Fundamental Microbiology, University of Lausanne

Focusing the actin cytoskeleton for cell-cell fusion

16:00-16:15

Victoria von Glasenapp - Controlling a small molecule kinase inhibitor in space and time: how to dissect Plk1 functions at different subcellular locations

16:15-16:30

Blanca Lago Solis - Non-cell-autonomous circadian regulation of brain function in *D. melanogaster*

16:30-17:15

Keynote Lecture, iGE3

Chair: Marie-Luce Bochaton-Piallat

Bart Deplancke, EPF Lausanne - Advancing biology through single cell technologies

17:30-17:45

Annual Thesis Prizes

17:45-18:00

Best student presentation

18:00-18:05

Announcement of the new Program Directors and Co-directors

Apéro

