

Rigi Workshop 2024: Exploring Epigenetics - Programme

Day 1 - Sunday 28 January

~12.45	Arrival at Hotel Rigi Kulm, Check-in and Registration
13:30	Welcome and introduction round
14:30	Talk 1: Florian Steiner Epigenetics inheritance: From anecdotal observations to molecular mechanisms.
15:30	Coffee Break
16:00	Workshop 1: Different concepts around « epigenetics » and how they impact research. (with Irene Adrian-Kalchhauser)
18:30	Free-time/check-in
19:00	Dinner
21:00	Scientific Speed-dating

Day 2 - Monday 29 January

07:30	Breakfast
08:30	Talk 2: Etienne Bucher: Do plants have a heritable epigenetic stress memory?
09:30	Talk 3: Luis Lopez-Molina: Epigenetic aspects for the parental and environmental control of seed dormancy in Arabidopsis thaliana.
10:30	Coffee Break
11:00	Workshop 2: Epigenetic memory and stress adaptation in plants.
12:15	Group Picture
12:30	Lunch + Free Time
15:00	Coffee break
15:30	Talk 4: Semira Gonseth-Nusslé: Lifestyle influences on DNA methylation through the lifecourse
16:30	Workshop 3: From Lab to Market: A Case Study of Commercializing Epigenetic Testing
18:00	Discussion time/finishing workshops
19:00	Dinner
21:00	Social time

Day 3 - Tuesday 30 January

07:30	Breakfast (prepare luggage and empty rooms)
08:30	Talk 5: Ivana Jaric: Epigenetic Dynamics: Bridging Hormones, Environment, and Phenotypic plasticity.
09:30	Workshop 4: Regulatory role of hormonal and environmental fluctuations on brain and behavior.
10:15	Coffee Break
11:30	Talk 6: Isabelle Mansuy: Heredity beyond the genetic code: How traits can be modified across generations by life experiences.
12:30	Lunch
13:30	Workshop 5: Isabelle Mansuy
15:00	Plenum: Closing of workshop Closing remarks & Evaluation
16:00	Departure

Invited speakers:

- **Dr. Etienne Bucher**, Agroscope, leader at the Crop genome dynamics research group, Changins.
- **Dr. Med Semira Gonseth Nusslé**, Physician at Unisanté and President and Chief Medical Officer in Genknowme S.A. in Lausanne.
- **Dr. Ivana Jaric**, Animal Welfare Division, Vetsuisse Faculty, University of Bern
- **Prof. Dr. Luis Lopez-Molina**, department of plant sciences, University of Geneva
- **Prof. Dr. Isabelle Mansuy**, Laboratory of Neuroepigenetics, University of Zürich and ETHZ
- **Prof. Dr. Florian Steiner**, Department of molecular and Cell Biology, University of Geneva.

Organisers:

- **Prof. Dr. Irene Adrian-Kalchhauser**, SCNAT Platform Biology and, Vetsuisse Faculty, University of Bern
- **PD Dr. Paolo Cinelli**, Swiss Laboratory Animal Science Association (SGV) and University Hospital of Zürich
- **Prof. Dr. Florian Steiner**, SCNAT Platform Biology, Department of molecular and cell Biology, University of Geneva
- Caroline Reymond, SCNAT Platform Biology

Sponsors:

- Swiss Academy of Sciences (SCNAT) - Platform Biology
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- Swiss Laboratory Animal Science Association (SGV)
- Swiss Society of Agronomy (SSA)
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