

Lausanne Genomics Days 2019

Dorigny Campus, Génopode Building, Auditorium C (Attendance is free but registration required)

Thursday February 7, 2019

Friday February 8, 2019



09:00 Anja Spang - Royal Netherlands Institute for Sea Research, Texel (The Netherlands)

Archaea - Their expanding diversity and role in key evolutionary events

09:45 Richard Neher - Biozentrum, Basel (Switzerland)
Tracking infectious disease and drug resistance using whole genome sequencing

10:30 *Coffee Break*

11:00 Laura Florez - Johannes Gutenberg-Universität, Mainz (Germany)

Genomic clues to chemical defense in bacterial symbionts of a beetle

11:45 Malik Harmit - Fred Hutchinson Cancer Research Center, Seattle (USA)

Genetic conflicts during meiosis shape centromeres and species

12:30 *LUNCH (sandwiches and drinks provided in Exhibition Hall)*

14:00 Marc Robinson-Rechavi - DEE University of Lausanne (Switzerland)

Duplication, cause or consequence of gene function?

14:45 Catherine Peichel - University of Bern, Bern (Switzerland)
Genomics of adaptation and speciation in sticklebacks

15:30 *Apéro*

09:00 Youssef Belkhadir - Gregor Mendel Institute of Molecular Plant Biology, Vienna (Austria)

Molecular logic in large-scale receptor-receptor interaction networks

09:45 Ute Kraemer - Ruhr-Universität, Bochum (Germany)
Plant adaptation to local soil composition

10:30 *Coffee Break*

11:00 Stefan Ameres - Institute of Molecular Biotechnology, Vienna (Austria)

Time resolved RNA sequencing provides insights into the molecular basis of gene regulation

11:45 Elvire Gouze, Institut de Biologie Valrose, Nice (France)
Development of a biotherapy for achondroplasia

12:30 *LUNCH (sandwiches and drinks provided in Exhibition Hall)*

14:00 Anita Rauch, University of Zurich, Zurich (Switzerland)
Tracing the missing heritability in neurodevelopmental disorders

14:45 Quitterie Venot - Institut Necker Enfants Malades, Paris (France)

Molecular targeted therapy in PIK3CA related overgrowth syndrome (PROS)



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connecting ideas



Organizers: Philipp Engel, Julien Marquis, Alexandre Reymond,
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