Lausanne Genomics Days 2019
Dorigny Campus, Génopode Building, Auditorium C
(Attendance is free but registration required)

**Thursday February 7, 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  Patrik Nosil - Centre National de la Recherche Scientifique, Montpellier (France)
**Predictability of genome evolution during adaptation**

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

**Friday February 8, 2019**

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)**

Organizers: Philipp Engel, Julien Marquis, Alexandre Reymond, Julia Santiago Cuellar, Tanja Schwander and Sheila Unger