

# Lausanne Genomics Days 2018

Dorigny Campus, Génopode Building, Auditorium C (registration not required)

## Monday February 5, 2018

## Tuesday February 6, 2018

- 09:00 Hernán A. Burbano - Max Planck Institute for Developmental Biology (Germany)  
**Reinforcing plant evolutionary genomics using ancient DNA**
- 09:45 Philippe Pasero - Institute of Human Genetics/CNRS (France)  
**Cellular responses to replication stress in yeast and in human cells**
- 10:30 *Coffee Break*
- 11:00 Korbinian Schneeberger - Max Planck Institute for Plant Breeding Research (Germany)  
**Phylogenetic association mapping reveals the adaptive basis of between-species trait variation**
- 11:45 Sara Buonomo - University of Edinburgh (UK)  
**Rif1 a hub connecting nuclear architecture and replication timing**
- 12:30 *LUNCH (sandwiches and drinks provided in Exhibition Hall)*
- 14:00 Magnus Nordborg - Gregor Mendel Institute for Plant Biology (Austria)  
**Epigenetic variation in Arabidopsis**
- 14:45 Giacomo Cavalli - Institute of Human Genetics/CNRS (France)  
**The role of 3D genome organization in epigenetic regulation of development**

- 09:00 Romain Koszul - Institut Pasteur (France)  
**Probing virus/host interactions in complex microbial communities using DNA 3D contacts**
- 09:45 Tim van Opijnen - Boston College (USA)  
**Phenotypic, metabolic and transcriptional analyses combined with topological network modeling predicts survival success of pathogenic bacteria**
- 10:30 *Coffee Break*
- 11:00 Siv Andersson - Uppsala University (Sweden)  
**The evolution of intracellular membranes and the challenges of integrating two genomes in one cell**
- 11:45 Sarah Schaack, Reed College (USA)  
**Direct genome-wide estimates of mutation rate and spectra**
- 12:30 *LUNCH (sandwiches and drinks provided in Exhibition Hall)*
- 14:00 Walter Salzburger, University of Basel (Switzerland)  
**The genomic substrate for adaptive radiation in Lake Tanganyika cichlid fishes**
- 14:45 Nicolas Galtier - University of Montpellier (France)  
**Comparative population genomics in animals: genetic diversity, adaptive rate, species barrier**

Organizers: Vincent Dion, Julia Santiago Cuellar, Tanja Schwander, Philipp Engel and Keith Harshman

