

Doctoral program in Ecology and Evolution  
Doctoral program in Microbial Sciences  
Doctoral program in Molecular Plant Sciences  
Doctoral program StarOmics

## Villars Symposium 2014 (Evolution and Genomes)

September 15-17, 2014, in Villars-sur-Ollon (Eurotel Victoria)

### Program

#### Monday September 15

1000 – 1030 Introduction  
1030 – 1130 **Richard Ffrench-Constant** (University of Exeter, UK)  
The molecular basis of natural selection: Mimicry, resistance and parasitism  
1130 – 1230 **Enrico Coen** (John Innes Center, UK)  
Making a difference: The evolution and development of phenotypic diversity  
Afternoon Free  
1700 – 1900 Journal club 1 & 2  
1930 – 2100 Dinner  
2100 – 2200 Students' project presentations - Lightening talks

#### Tuesday September 16

0800 – 0900 **Tomas Marques-Bonet** (Universitat Pompeu Fabra/CSIC, Spain)  
A genomic approach to humanity. What does not make us a chimpanzee?  
0900 – 1000 **Arkhat Abzhanov** (Harvard University, USA)  
Developmental mechanisms for evolutionary change: Insights from the vertebrate face  
1000 – 1030 Coffee break  
1030 – 1130 **Greg Barsh** (HudsonAlpha Institute For Biotechnology, USA)  
Genetics and evolution of mammalian color patterns: Model organisms in a post-genome world  
1130 – 1230 **Yoav Gilad** (University of Chicago, USA)  
Comparative gene regulatory studies in primates using induced pluripotent stem cells  
Afternoon Little hike in case of nice weather  
1730 – 1930 Journal club 3 to 6  
2000 Dinner

#### Wednesday September 17

0830 – 0930 **John Doebley** (University of Wisconsin-Madison, USA)  
Genetic architecture of maize domestication: Low hanging fruit and dark matter  
0930 – 1030 **Josephine Pemberton** (University of Edinburgh, UK)  
Understanding the genetics of complex traits in the wild: How do genomic analyses help?  
1030 – 1100 Coffee break  
1100 – 1200 **Jennifer Graves** (The Australian National University, Australia)  
Weird animal genomes, sex and the future of men?  
1200 – 1300 **Tanja Schwander** (University of Lausanne, CH)  
How to reproduce without sex  
Afternoon Free  
1500 – 1700 Journal club 7 to 10  
1755 Bus departure