

## Symposium 2005 of the Zurich-Basel Plant Science Center

# Plant Genome Evolution and Regulation

December 16<sup>th</sup> 2005, ETH Zurich, Auditorium Maximum

---

08.45 – 08.50 Opening by Beat Keller, University of Zurich

08.50 – 10.20 Plant Genome Evolution I (Chair: Alex Widmer, ETH Zurich)

Simon Hiscock, Plant Pathology and Molecular Genetics, University of Bristol, UK  
Changes to genome and transcriptome during hybrid speciation in *Senecio*  
Michael Purugganan, Plant Evolutionary Genetics, North Carolina State University, USA  
The evolutionary genomics of rice  
Keith Adams, Centre for Plant Research, University Blvd, Vancouver, CA  
Evolution of Duplicate Gene Expression in Polyploids

10.20 – 11.00 Coffee and Poster Session

11.00 – 12.30 Plant Genome Evolution II (Chair: Beat Keller, University of Zurich)

Yves van der Peer, Department of Plant Systems Biology, Ghent University, BE  
Modeling gene and genome duplications in angiosperms  
Thomas Wicker, Plant Science Center, Institute of Plant Biology, University of Zurich, CH  
Mechanisms of Genome Evolution

Detlef Weigel, Max Planck Institute for Developmental Biology, Tübingen, D  
Genomic Variation and Incipient Speciation in *Arabidopsis thaliana*

12.30 – 14.30 Lunch and Poster Session

14.30 – 16.00 Genome Regulation (Chair: Wilhelm Grissem, ETH Zurich)

Michael Sussman, Biotechnology Center, University of Wisconsin, Madison, USA  
New technologies for Profiling the Transcriptome, Proteome and Metabolome of *Arabidopsis*  
Ortrun Mittelsten-Scheid, Gregor Mendel Institute of Molecular Plant Biology, Vienna, A  
Polyploidy: more or less?  
Ueli Grossniklaus, Plant Science Center, Institute of Plant Biology, University of Zurich, CH  
Epigenetic gene regulation in development and evolution

16.00 – 16.15 Poster Awards and Concluding remarks by Wilhelm Grissem, ETH Zurich

16.15 – 17.00 Apéro and Poster Session