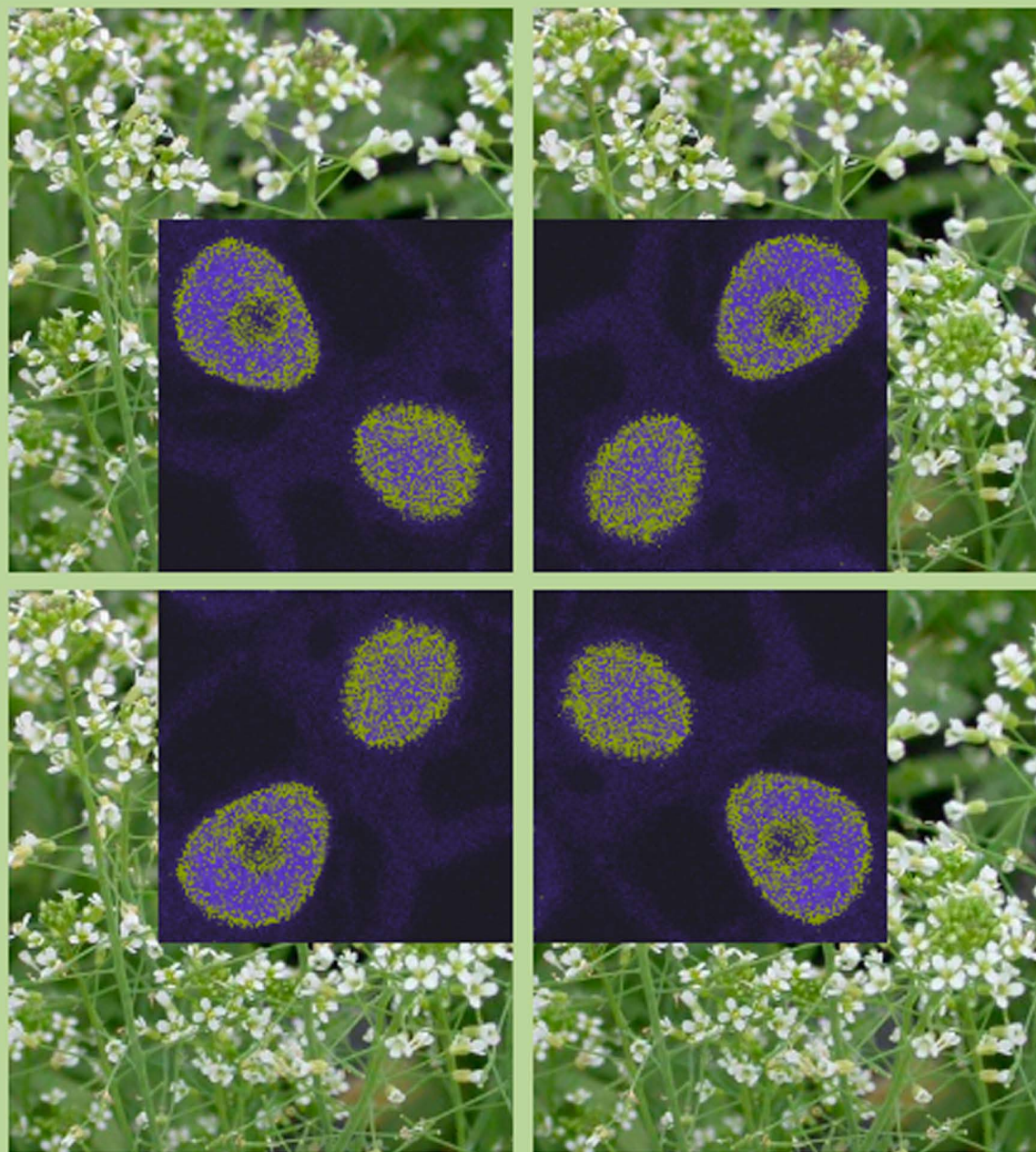


EUROPEAN WORKSHOP ON PLANT CHROMATIN

3-4 SEPTEMBER 2009

ZÜRICH



Information: <http://www.ewpc.ethz.ch>



ORGANIZERS
VALÉRIE GAUDIN
LARS HENNIG
CLAUDIA KÖHLER



EUROPEAN WORKSHOP ON PLANT CHROMATIN

03-04 September 2009 - Zürich - Switzerland

PROGRAM 2009

**Organizers
Valérie Gaudin
Lars Hennig
Claudia Köhler**

THURSDAY 03 September 2009

12h30 Check in

Session 1

Chair: Andrzej Jerzmanowski

14h00 CHD3 Proteins and Polycomb Group Proteins antagonistically determine cell identity in *Arabidopsis*
Claudia Koehler, Swiss Federal Institute of Technology, Zürich, Switzerland

14h25 Cold-induced epigenetic silencing mediated by long non-coding *FLC* transcripts
Bas Rutjens, John Innes Centre, Norwich, UK

14h50 Temporal dynamics of Polycomb complexes during vernalization
Filomena De Lucia, John Innes Centre, Norwich, UK

15h15 Identification of novel factors controlling cell fate in plants
Daniel Schubert, Institute for Genetics, Duesseldorf, Germany

15h40 Elucidating the role of chromatin remodeling machinery in regulating dormancy
Gergely Molnar, Umeå Plant Science Centre, Umeå, Sweden

16h Coffee break

Session 2

Chair: Reidunn Birgitta Aalen

16h30 Chromatin remodeling and repression of flowering in *Arabidopsis*
Manuel Piñeiro, CBGP, Madrid, Spain

16h55 *Arabidopsis* PRC1 Ring finger homologs are required to maintain the differentiated state of plant cells
Myriam Calonje, Heidelberg Institute of Plant Sciences, Heidelberg, Germany

17h20 Characterization of plant proteins/complexes involved in histone methylation and monoubiquitylation
Wen-Hui Shen, Institute of Plant Molecular Biology, Strasbourg, France

17h45 The role of chromatin in the regulation of *FLOWERING LOCUS T*
Franziska Turck, Max Planck Institute for Plant Breeding Research, Köln, Germany

18h10 The importance of binding histones
Lars Hennig, Swiss Federal Institute of Technology, Zürich, Switzerland

18h35 An intriguing LHP1 partner
Valérie Gaudin, Institut Jean-Pierre Bourgin, INRA Versailles, France

18h55 Plant Elongator regulates auxin response genes during RNA polymerase II transcription elongation
Mieke Van Lijsebettens, Department of Plant Systems Biology, Gent, Belgium

19h15 Reception

FRIDAY 04 September 2009

Session 3

Chair: Manuel Piñeiro

8h30 Linker Histone variants *Arabidopsis*. Do they have distinct functional roles?
Andrzej Jerzmanowski, Institute of Biochemistry and Biophysics, Warsaw, Poland

8h55 Chromosomal HMG proteins of *Arabidopsis*
Klaus Grasser, Regensburg University, Regensburg, Germany

9h20 Phosphorylation of Histone H3 in plants – A dynamic affair
Andreas Houben, IPK, Gatersleben, Germany

9h45 Aurora1 phosphorylation activity on histone H3 and its cross-talk with other post-translational histone modifications in *Arabidopsis*
Dmitri Demidov, IPK, Gatersleben, Germany

10h05 Chromatin structure in relation to telomere length maintenance in plants
Jiri Fajkus, Institute of Exp. Biology, Institute of Biophysics, Brno, Czech Republic

10h25 Coffee break

Session 4

Chair: Klaus Grasser

10h55 The ASH1 HOMOLOG 2 (ASHH2) histone H3 methyltransferase is required for ovule and anther development in *Arabidopsis*
Reidunn Birgitta Aalen, University of Oslo, Oslo, Norway

11h20 Regulation of histone modification in responding to environment conditions in plants
Dao Zhou, Institut de Biotechnologie des Plantes, Orsay, France

11h45 First insights into nuclear architecture and chromatin changes during reproductive reprogramming in *Arabidopsis*
Célia Baroux, Institute of Plant Biology, Zürich, Switzerland

12h10 Genetic analysis of tandem repeat mediated control of nuclear architecture in *Arabidopsis thaliana*
Branimira Borisova, IPK, Gatersleben, Germany

12h30 Epigenetic control of transcriptional activity during *Arabidopsis* reproduction
Marion Pillot, Institut de Recherche pour le Développement, Montpellier, France

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Financial support of this workshop by the Département de Biologie Végétale of the INRA and Invitrogen is gratefully acknowledged.



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