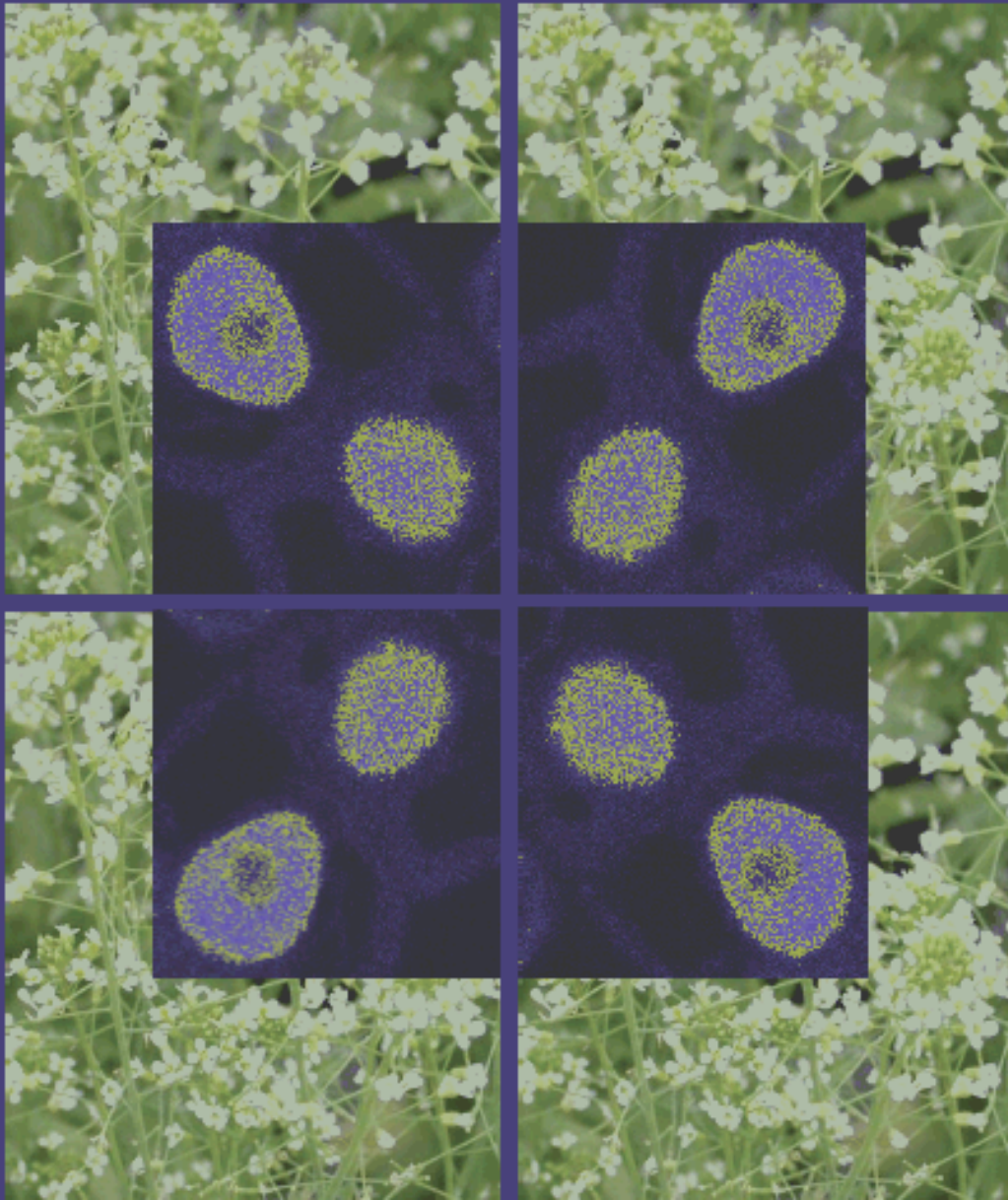


2nd EUROPEAN WORKSHOP ON PLANT CHROMATIN 1-2 SEPTEMBER 2011 VERSAILLES



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ORGANIZERS
VALÉRIE GAUDIN
LARS HENNIG
CLAUDIA KÖHLER



2ND EUROPEAN WORKSHOP ON PLANT CHROMATIN

01-02 September 2011 - Versailles - France

PROGRAM

**Organizers
Valérie Gaudin
Lars Hennig
Claudia Köhler**

THURSDAY 01 September

8:30 – 9:00 **Registration**

9:00 – 9:05 Welcome

SESSION 1

Chair José A. Jarillo

9:05 Plant chromatin assembly and genome stability
Jiří Fajkus, Masaryk University, Brno, Czech Republic

9:25 Role of transcript elongation factors in Arabidopsis development
Brian Sørensen, Regensburg University, Regensburg, Germany

9:45 Epigenetic regulation of phase transition in plants
Nir Ohad, Tel-Aviv University, Tel-Aviv, Israel

10:05 MSI1 is an essential component of sporophytic PRC2 complexes in Arabidopsis
Maria Derkacheva, ETH Zurich, Zurich, Switzerland

10:25 Regulation of ATBMI1C during plant development requires the interplay of different epigenetic mechanisms
Myriam Calonje, Centre for Organismal Studies Heidelberg (COS), Heidelberg, Germany

10:45 – 11:15 **Coffee break**

SESSION 2

Chair Célia Baroux

11:15 ULTRAPETALA1 and chromatin dynamics at the floral meristem
Cristel Carles, UJF Grenoble - CEA, Grenoble, France

11:40 Resetting the expression of a Polycomb-silenced target
Pedro Crevillen, John Innes Centre, Norwich, United Kingdom

12:00 PcG-repressed genes in the shoot apex: novel players in plant development
Franziska Turck, Max Planck Institute for Plant Breeding Research, Köln, Germany

12:20 Polycomb regulation and RNA metabolism
Valerie Gaudin, INRA, Versailles, France

12:40 – 14:00 **Lunch**

SESSION 2

Chair Krisztina Ötvös

14:00 Paramutation: the heritable transfer of epigenetic information in trans,
Maike Stam, Swammerdam Institute for Life Sciences, Amsterdam, Netherlands

14:25 Genetic analysis of RNA-directed transcriptional gene silencing in Arabidopsis
Andreas Finke, IPK Gatersleben, Gatersleben, Germany

14:45 Chromatin-mediated repression of floral integrators in Arabidopsis
Manuel Piñeiro, CBGP (INIA-UPM), Madrid, Spain

15:05 Histone modification and recognition in rice
Dao-Xiu Zhou, Université Paris sud 11, Orsay, France

15:25 Novel readers and combinatorial interpretations of histone tail modifications,
Reidunn B. Aalen, University of Oslo, Oslo, Norway

15:45 – 16:15 Coffee break

SESSION 3

Chair Franziska Turck

16:15 Arabidopsis chromatin remodeling complexes in hormone signaling
*Andrzej Jerzmanowski, Warsaw University and Institute of biochemistry and biophysics
Polish Academy of Sciences, Warsaw, Poland*

16:40 Characterization of Arabidopsis homologues for the SWC4 and YAF9 subunits of the
SWR1 chromatin remodeling complex
José A. Jarillo, CBGP, Madrid, Spain

17:00 RBR1 induced chromatin remodeling during lateral root development in Arabidopsis
Krisztina Ötvös, Plant Physiology, Umeå, Sweden

17:20 The complex of plant GAGA-factors
Dierk Wanke, Tuebingen University, Tuebingen, Germany

17:40 Chromatin reprogramming during sporogenesis in Arabidopsis
Célia Baroux, University of Zürich, Zürich, Switzerland

18:00 Visit of the King's vegetable garden in Versailles
20:00 Dinner in Versailles

Friday 02 September

SESSION 4

Chair Dierk Wanke

9:00 Integrative epigenomic mapping defines four main chromatin states in Arabidopsis
François Roudier, IBENS, Paris, France

9:25 Dynamic regulation of H3K27 trimethylation during Arabidopsis differentiation
Marcel Lafos, Institute for Genetics, Düsseldorf University, Düsseldorf, Germany

9:45 Is Arabidopsis H3.3 a replacement histone?
Lars Hennig, Swedish University of Agricultural Sciences, Uppsala, Sweden

10:05 Quantitative modulation in Polycomb silencing through *FLC* cis variation
Vincent Coustham, John Innes Centre, Norwich UK

10:25 Genomic imprinting and its regulation in *Arabidopsis thaliana*
Philip Wolff, Swedish University of Agricultural Sciences, Uppsala, Sweden

10:45 – 11:15 Coffee break

SESSION 5

Chair Andrzej Jerzmanowski

11:15 Coordinated histone methylation and histone monoubiquitylation in transcription regulation during plant development
Wen-Hui Shen, IBMP-CNRS, Strasbourg, France

11:35 Histone modifications for balanced transcriptional reprogramming in plant immunity
Yusuke Saijo, Max Planck Institute for Plant Breeding Research, Cologne, Germany

11:55 Prolonged heat stress induces chromatin destabilization in Arabidopsis
Vanja Cavrak, Gregor Mendel Institute, Vienna, Austria

12:15 – 12:20 Concluding remarks

List of Participants

Aalen, Reidunn Birgitta, Department of Molecular Biosciences, University of Oslo, P.O.Box 1031 Blindern, 316, Oslo, Norway, reidunn.aalen@imbv.uio.no

Baroux, Cèlia, University of Zürich, Zollikerstrasse 107, 8008, Zürich, Switzerland, cbaroux@botinst.uzh.ch

Bhalerao, Rishikesh, Umeå Plant Science Centre, SLU, SE-901 83, Umeå, Sweden, rishi.bhalerao@slu.se

Bigéard, Jean, Unité de Recherche en Génomique Végétale (URGV) UMR INRA-1165/CNRS-ERL8196/UEVE, 2, rue Gaston Crémieux, 91057, Evry, France, bigeard@evry.inra.fr

Bourbousse, Clara, IBENS, 46 rue d'Ulm, 75230, Paris, France, clara.bourbousse@biologie.ens.fr

Bratzel, Fabian, Centre for Organismal Studies (COS), Im Neuenheimer Feld 345, 69120, Heidelberg, Germany, fabian.bratzel@cos.uni-heidelberg.de

Caillieux, Erwann, IBENS, 46 rue d'Ulm, 75230, Paris, France, caillieu@biologie.ens.fr

Calonje, Myriam, Centre for Organismal Studies Heidelberg (COS), Im Neuenheimer Feld 345, 69120, Heidelberg, Germany, myriam.calonje@cos.uni-heidelberg.de

Carles, Christel, UJF Grenoble - CEA, 17 rue des Martyrs - Bat C2, 38054, GRENOBLE Cedex 9, France, Christel.carles@ujf-grenoble.fr

Cavrak, Vanja, Gregor Mendel Institute, Dr. Bohr-Gasse 3, 1030, Vienna, Austria, vanja.cavrak@gmi.oeaw.ac.at

Crevillen, Pedro, John Innes Centre, Norwich Research Park, NR47UH, Norwich, United Kingdom, pedro.crevillen@bbsrc.ac.uk

Derkacheva, Maria, ETH Zürich, Universitatstr.2, 8092, Zürich, Switzerland, dermaria@ethz.ch

Dvorackova, Martina, Masaryk University, Kamenice 5, CZ-625 00, Brno, Czech Republic, dvorackova.martina@gmail.com

Fajkus, Jiri, Masaryk University, Kamenice 5, CZ-625 00, Brno, Czech Republic, fajkus@sci.muni.cz

Finke, Andreas, IPK Gatersleben, Corrensstrasse 3, 6466, Gatersleben, Germany, finke@ipk-gatersleben.de

Fiorucci, Anne-Sophie, IBENS, 46 rue d'Ulm, 75230, Paris, France, fiorucci@biologie.ens.fr

Fojtova, Miloslava, Masaryk University, Kamenice 5, CZ-625 00, Brno, Czech Republic, fojtova@sci.muni.cz

Franz, Paul, Swammerdam Institute for Life Sciences, University of Amsterdam, Science Park 904, 1098 XH, Amsterdam, P.F.Franz@uva.nl

Gallusci, Philippe, Université Bordeaux1, UMR 1332, 71 Avenue E Bourleaux, BP 81, 33883, Villenave D'Ornon, France, philippe.gallusci@bordeaux.inra.fr

Gaudin, Valérie, INRA, Institut Jean-Pierre Bourgin, 78026, Versailles, France, Valerie.Gaudin@versailles.inra.fr

Grini, Paul, University of Oslo, Blindernveien 31, 316, Oslo, Norway, p.e.grini@imbv.uio.no

Haddadou, Kahina, LAMBE UMR CNRS 8587 Université d'Evry Val d'Essonne, bd F. Mitterrand, 91025, Evry, France, haddadou.kahina@hotmail.fr

Hennig, Lars, Swedish University of Agricultural Sciences, Uppsala BioCenter, 75007, Uppsala, Sweden, lars.hennig@slu.se

Houba-Hérin, Nicole, INRA, Institut Jean-Pierre Bourgin, 78026, Versailles, France, nicole.houba-herin@versailles.inra.fr

Jarillo, José A, CBGP, Campus de Montegancedo, 28223, Madrid, Spain, jarillo@inia.es

Jerzmanowski, Andrzej, Warsaw University and Institute of biochemistry and biophysics Polish Academy of Sciences, Pawinskiego 5A, 02-106, Warsaw, Poland, andyj@ibb.waw.pl

Klotzmannova, Karin, Masaryk University, Kamenice 5, CZ-625 00, Brno, Czech Republic, karin.klotzmannova@gmail.com

Koini, Maria, Swammerdam Institute for Life Sciences, University of Amsterdam, Science Park 904, 1098 XH, Amsterdam, A.M.Koini@uva.nl

Lafos, Marcel, Institute for Genetics, Düsseldorf University, Universitätsstrasse 1, D-40225, Düsseldorf, Germany, Marcel.Lafos@uni-duesseldorf.de

Laszlo, Bakó, Plant Physiologist, SE-901 87 Umeå, Sweden, laszlo.bako@plantphys.umu.se

Latrasse, David, INRA, Institut Jean-Pierre Bourgin, 78026, Versailles, France, david.latrasse@versailles.inra.fr

Le Roux, Clémentine, INRA, Institut Jean-Pierre Bourgin, 78026, Versailles, France, Clementine.le-roux@versailles.inra.fr

Martin, Antoine, IBENS, 46 rue d'Ulm, 75230, Paris, France, anmartin@biologie.ens.fr

Miskolczi, Pal, Umea Plant Science Centre, SLU, SE-901 83, Umea, Sweden, pal.miskolczi@slu.se

Molnar, Gergely, Umea Plant Science Centre, SLU, SE-901 83, Umea, Sweden, gergely.molnar@slu.se

Ohad, Nir, Tel-Aviv University, Dep of Plant Sciences, 69978, Tel-Aviv, Israel, niro@tauex.tau.ac.il

Otvos, Krisztina, Plant Physiology, SE-901 87 Umeå, Sweden, Krisztina.Otvos@plantphys.umu.se

Pflieger, Delphine, LAMBE UMR CNRS 8587 Université d'Evry Val d'Essonne, bd F. Mitterrand , 91025, Evry, France, delphine.pflieger@univ-evry.fr

Pineiro, Manuel, CBGP (INIA-UPM), Campus Montegancedo, Autovia M40, km 38, 28223, Pozuelo de Alarcón, Madrid, Spain, pineiro@inia.es

Roudier, François, IBENS, 46 rue d'Ulm, 75230, Paris, France, roudier@biologie.ens.fr

Rutjens, Bas, Utrecht University, Padualaan 8, 3584 CH, Utrecht, The Netherlands, rutjens@gmail.com

Saijo, Yusuke, Max Planck Institute for Plant Breeding Research, Carl-von-Linne Weg 10, 50829, Cologne, Germany, saijo@mpipz.mpg.de

Shen, Wen Hui, IBMP-CNRS, 12 rue du General Zimmer, 67084, Strasbourg, France, wen-hui.shen@ibmp-cnrs.unistra.fr

Stam, Maïke, Swammerdam Institute for Life Sciences, University of Amsterdam, Science Park 904, 1098 XH, Amsterdam, m.e.stam@uva.nl

Turck, Franziska, Max Planck Institute for Plant Breeding Research, Carl von Linné Weg 10, 50829, Köln, Germany, turck@mpipz.mpg.de

Wanke, Dierk, ZMBP - Plant physiology, Tuebingen University, Auf der Morgenstelle 1, 72076, Tuebingen, Germany, dierk.wanke@zmbp.uni-tuebingen.de

Wildhaber, Thomas, ETH Zurich, Universitaetstrasse 2, 8092, Zurich, Switzerland, thwildhaber@ethz.ch

Wolff, Philip, Department of Plant Biology and Forest Genetics, SLU Uppsala, Box 7080, 75007, Uppsala, pwolff@ethz.ch

Zhou, Dao-Xiu, Université Paris sud 11, B630, 91405, Orsay, France, dao-xiu.zhou@u-psud.fr

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