

19th International Conference on Arabidopsis Research Schedule

Wednesday, July 23, 2008

12:00 – 7:00 pm	Registration Opens	Grand Salon Foyer
5:00 – 9:00 pm	Posters can be set up	Complexe Desjardins & Alfred Rouleau C
4:30 – 6:00 pm	Workshop Session 1A: Lead Organizer: Rodrigo A. Gutiérrez - <i>Frontiers in Plant Systems Biology</i>	Grand Salon
	Workshop Session 1B: Lead Organizer: Eva Huala – <i>Sources and strategies for gene structure, gene function, and metabolic pathway annotation at TAIR and AraCyc</i>	Alfred Rouleau A/B
6:30 – 7:30 pm	Keynote Address: Abstract K01: Chris Somerville, Energy Biosciences Institute and University of California, Berkeley, USA– <i>The Development of Cellulosic Biofuels</i> <i>This keynote address is sponsored by ASPB journals: Plant Physiology & Plant Cell</i>	Grand Salon
7:30 – 9:30 pm	Welcome Reception	Jeanne-Mance & Terrasse

Thursday, July 24, 2008

7:30 am – 8:00 pm	Posters may be posted	Complexe Desjardins & Rouleau C
7:30 am – 8:00 pm	Registration Open	Grand Salon Foyer
8:00 am – 5:00 pm	Syngenta Job Opportunity Room	Petit Alfred-Rouleau
8:30 – 10:00 am	Plenary Session I: <i>Developmental Mechanisms</i> 8:30 Abstract P101: Scott Poethig, <i>Session Chair, University of Pennsylvania – Philadelphia, USA – A Mirna-Regulated pathway for Vegetative Phase Change in Arabidopsis</i>	Grand Salon
	9:10 Abstract P102: Vivian Irish, Yale University, USA- <i>Regulation of Petal Organogenesis</i>	
	9:35 Abstract P103: Gerd Jürgens, University of Tübingen, Germany - <i>Axis Formation in Early Embryogenesis</i>	

This session is sponsored by DBRI at McGill University and The Company of Biologists/Development Journal

10:00 – 10:30 am	Refreshment Break	Grand Salon Foyer
10:30 am – Noon	Plenary Session II: Cell Biology 10:30 Abstract P201: Natasha Raikhel, Session Chair, University of California-Riverside, USA- <i>Plant Endomembrane System and Chemical Genomics</i> <hr/> 11:10 Abstract P202: Malcolm Bennett, University of Nottingham, UK – <i>Lateral Root Development: An Emerging Story</i> <hr/> 11:35 Abstract P203: Jianping Hu, Michigan State University-East Lansing, USA – <i>Molecular Basis of Plant Peroxisomal Proliferation and Distribution</i> <i>This session is being sponsored by the Faculty of Science at McGill University</i>	Grand Salon
12:00 – 1:30 pm	Lunch	Jeanne-Mance Pavilion & Terrasse
1:30 – 3:00 pm	Concurrent Session 1A: <i>Developmental Mechanisms</i> 1:30 Abstract C1A01: Doris Wagner, Session Chair, University of Pennsylvania-Philadelphia, USA– <i>Regulation of the Onset of Reproduction in Arabidopsis</i> <hr/> 1:55 Abstract C1A02: Yuval Eshed, Weizmann Institute, Israel - <i>Shaping the Arabidopsis Shoot By Short Range YABBY-Derived Signals</i> <hr/> 2:20 Abstract C1A03: Fabio Fornara, Max Planck Institute for Plant Research, Cologne, Germany– <i>A High-Throughput Misexpression Screen Identifies Novel Genes Regulating Flowering From the Leaf</i> <hr/> 2:33 Abstract C1A04: Giovanni Sena, New York University, USA - <i>A Functional Stem Cell Niche Is Not Required in Arabidopsis Root Tip Regeneration</i> <hr/> 2:46 Abstract C1A05: Beth Krizek, University of South Carolina – Columbia, USA, – <i>AIL/PLT Proteins Regulate Floral Patterning and Shoot Development in Arabidopsis Thaliana</i>	Grand Salon
	Concurrent Session 1B: <i>Cell Walls</i> 1:30 Abstract C1B01: Tobias Baskin, Session Chair, University of Massachusetts-Amherst, USA – <i>Twisted Roots: Growth Patterns and Cell Wall Structure</i> <hr/> 1:55 Abstract C1B02: Zheng-hua Ye, University of Georgia-Atlanta, USA – <i>Transcriptional Regulation of Secondary Wall Biosynthesis</i> <hr/> 2:20 Abstract C1B03: Gerasimos Daras, Agricultural University of Athens, Greece – <i>Semidominant-Negative CESA3 Mutant in Arabidopsis Inhibits Primary Cell Wall Formation</i>	Alfred Rouleau A/B

	2:40 Abstract C1B04: Sebastian Wolf, Institute for Plant Science in Neuenheimer, Germany– <i>Processing of Type I Pectin Methyltransferase in the Golgi Apparatus: Prerequisite for Extracellular Targeting</i> <i>This session is being sponsored by Dow AgroSciences</i>	
3:00 – 3:30 pm	Refreshment Break	Grand Salon Foyer
3:30 – 5:00 pm	Concurrent Session 2A: <i>Evolution and Natural Variation</i> 3:30 Abstract C2A01: Kirsten Bomblies, Session Chair, Max Planck Institute-Tübingen, Germany – <i>Opportunity of Misfortune – Outcrossing in Arabidopsis Thaliana</i>	Alfred Rouleau A/B
	3:55 Abstract C2A02: Miltos Tsiantis, University of Oxford, UK – <i>EMBO sponsored Young Investigator Lecture – Cardamine Hirsuta as a Model System for Studies in Evolution of Plant Development</i>	
	4:20 Abstract C2A03: Jesse Hollister, University of California-Irving, USA – <i>Population Genomics and Epigenomics of Arabidopsis Thaliana Transposable Elements</i>	
	4:33 Abstract C2A04: Amity Wilczek, Brown University, Providence, Rhode Island, USA – <i>Seasonal and Geographic Variation in Sensitivity and Balance of Flowering Pathways</i>	
	4:46 Abstract C2A05: Keith Adams, University of British Columbia, Vancouver, Canada – <i>Rapid Evolutionary Divergence in Alternative Splicing Patterns Following Gene and Genome Duplication</i>	
	Concurrent Session 2B: <i>Signal Transduction</i> 3:30 Abstract C2B01: Peter McCourt, Session Chair, University of Toronto, Canada – <i>A Role for Stigolactones in Arabidopsis: A New Plant Hormone</i>	Grand Salon
	3:55 Abstract C2B02: Jose Alonso, North Carolina State University-Raleigh, USA – <i>Ethylene – Auxin Interactions in Arabidopsis</i>	
	4:20 Abstract C2B03: Gregory Lampard, Stanford University, California, USA – <i>More Than a Simple Switch: Addressing Specificity in Arabidopsis MAPK Signaling Networks Using Stomatal Development as a Model</i>	
	4:33 Abstract C2B04: Pierre Hilson, Ghent University, Belgium – <i>Golven Secretory Peptides Control Plant Gravitropism</i>	
	4:46 Abstract C2B05: Sean Cutler, University of California, USA – <i>Chemical Genetic Identification of a New Family of ABA Response Factors</i>	
5:00 – 7:00 pm	Dinner	On your own
7:00 – 8:30 pm	Workshop Session 2A Lead Organizer: Nicholas Provart – <i>Advanced Bioinformatic Resources for Arabidopsis</i>	Grand Salon
	Workshop Session 2B Lead Organizer: Mary Wildermuth – <i>Laser Microtechniques and</i>	Alfred Rouleau A/B

Applications with Arabidopsis

7:00 – 8:00 pm	Special Seminar Jim Collins, NSF Biology Director – <i>Priorities of the NSF Directorate</i>	Picardie
7:00 – 10:30 pm	Exhibits Open	Complexe Desjardins
8:30 – 11:00 pm	Posters Session 1: Odd numbered abstracts presented	Complexe Desjardins & Alfred Rouleau C

Friday, July 25, 2008

8:00 am – 1:30 pm	Registration Open	Grand Salon Foyer
8:00 am – 8:00 pm	Posters Open	Complexe Desjardins & Alfred Rouleau C
8:30 – 10:00 am	Plenary Session III: <i>Metabolism</i> 8:30 Abstract P301: Mary Schuler, Session Chair, University of Illinois-Urbana-Champaign, USA – <i>Cytochrome P450 Monooxygenases: Critical Components in Many Stress-Regulated Pathways</i> <hr/> 9:10 Abstract P302: Kazuki Saito, Chiba University, Japan – <i>Integration of Metabolomics and Transcriptomics Towards Plant System Biology</i> <hr/> 9:35 Abstract P303: Erich Grotewold, Ohio State University-Columbus, USA – <i>Anthocyanins: From Regulation to Sequestration</i> <i>This session is sponsored by Performance Plants</i>	Grand Salon
10:00 – 10:30 am	Refreshment Break	Grand Salon Foyer
10:30 am – Noon	Plenary Session IV: Interactions with the Environment 10:30 Abstract P401: Jeff Dangl, Session Chair, University of North Carolina-Chapel Hill, USA – <i>The Plant Immune System</i> <hr/> 11:10 No Abstract Submitted: Olivier Voinnet, Institute of Plant Molecular Biology – CNRS, France - <hr/> 11:35 Abstract P403: Alex Webb, University of Cambridge, UK – <i>Integrating Circadian and Environmental Signals</i> <i>This session is sponsored by ISPMB</i>	Grand Salon
12:00 – 1:30 pm	Lunch	Jeanne-Mance Pavilion & Terrasse
1:30 – 7:00 pm	Free Afternoon – for networking, site-seeing, side meetings, etc.	On your own

7:00 – 8:00 pm	Registration Open	Grand Salon Foyer
7:00 – 8:30 pm	Workshop Session 3A Lead Organizer: Harvey Millar – <i>Plant Proteomics – Tools, Approaches, Standards and Breakthroughs in Studying the Proteome</i>	Grand Salon
	Workshop Session 3B Lead Organizer: Alexander Heyl – <i>Phytohormone Biosynthesis and Signal Transduction</i>	Alfred Rouleau A/B
7:00 – 10:30 pm	Exhibits open	Complexe Desjardins
8:30 – 11:00 pm	Poster Session 2 – Even numbered abstracts presenting	Complexe Desjardins & Alfred Rouleau C

Saturday, July 26, 2008

8:00 am – 7:00 pm	Registration Open	Grand Salon Foyer
8:00 am – 7:00 pm	Posters Open	Complexe Desjardins & Alfred Rouleau C
8:30 – 10:00 am	Plenary Session V: <i>Genomics and Systems Biology</i> 8:30 Abstract P501: Gloria Coruzzi, Session Chair, New York University, USA – <i>A Systems Approach to Nitrogen Regulatory Networks and the "Virtualplant"</i>	Grand Salon
	9:10 Abstract P502: Xing Wang Deng, Yale University, USA – <i>Global Experimental Annotation of Small (70~300NT) Non-Coding RNA Genes in Arabidopsis Thaliana</i>	
	9:35 Abstract P503: Ken Birnbaum, New York University, USA- <i>A Genomic View of Cell Identity</i> <i>This session is sponsored by Genome Canada.</i>	
10:00 – 10:30 am	Refreshment Break	Grand Salon Foyer
10:30 am – Noon	Plenary Session VI: <i>Genetic and Epigenetic Mechanisms</i> 10:30 Abstract P601: Jerzy Paszkowski, Session Chair, University of Geneva, Switzerland – <i>Backups of Epigenetic Regulation</i>	Grand Salon
	11:10 Abstract P602: Jian Kang Zhu, University of California-Riverside, USA – <i>Mechanism and Function of Active DNA Demethylation</i>	
	11:35 Abstract P603: Scott Michaels, Indiana University, USA – <i>A Novel Class of Histone Methyltransferases is Required for Heterochromatin</i>	

Formation in Arabidopsis

12:00 – 2:00 pm	Exhibits open, lunch with exhibitors, open Poster Session	Complexe Desjardins & Alfred Rouleau C
2:00 – 3:30 pm	<p>Concurrent Session 3A: <i>Biotic Interactions</i></p> <p>2:00 Abstract C3A01: Sheng Yeng He, Session Chair, Michigan State University-East Lansing, USA – <i>Bacterial Virulence Factors as Molecular Probes of Basic Plant Cellular Functions</i></p> <hr/> <p>2:25 Abstract C3A02: Tesfaye Mengiste, Purdue University, USA – <i>Dissecting Molecular and Cellular Processes Regulating Plant Responses to Necrotrophic Fungal Pathogens</i></p> <hr/> <p>2:50 Abstract C3A03: Susanne Salomon, Max Planck Institute for Plant Research, Germany – <i>Genetic Analysis of Arabidopsis Defense Signaling in Response to PAMPS</i></p> <hr/> <p>3:03 Abstract C3A04: Shahid Mukhtar, University of North Carolina at Chapel Hill, USA – <i>Towards a Bacterial Effector-Arabidopsis Target Protein-Protein Interaction Network</i></p> <hr/> <p>3:16 Abstract C3A05: Mary Wildermuth, University of California-Berkely, USA – <i>Laser Microdissection as a Tool for Probing the Arabidopsis Response to the Powdery Mildew Golovinomyces Orontii at the Infection Site</i></p> <p><i>This session is sponsored by Dupont Pioneer</i></p> <hr/> <p>Concurrent Session 3B: <i>Genetic and Epigenetic Mechanisms</i></p> <p>2:00 Abstract C3B01: Judith Bender, Session Chair, Brown University, USA – <i>Locus-Specific Control of DNA Methylation by the SUVH5 and SUVH6 Histone Methyltransferases</i></p> <hr/> <p>2:25 Abstract C3B02: Ilha Lee, Seoul National University, Korea – <i>The Function of SWR1 Complex for Floral Repression and Evolution of ARP6 Protein</i></p> <hr/> <p>2:50 Abstract C3B03: Marianne Hopkins, University of Waterloo, Canada – <i>Evidence for Non-Mendelian Inheritance of Ancestral Sequences in Arabidopsis</i></p> <hr/> <p>3:03 Abstract C3B04: Rebecca Schwab, Cold Spring Harbor Laboratory, USA – <i>Functional Consequences of Local Secondary Structures on Mirna-Target RNA Interactions</i></p> <hr/> <p>3:16 Abstract C3B05: Matthew Endres, University of South Carolina-Columbia, USA – <i>A Plant Transcription Factor Plays a Required Role in Viral Suppression of Silencing</i></p>	Grand Salon
3:30 – 4:00 pm	Refreshment Break	Grand Salon Foyer
4:00 – 5:30 pm	Concurrent Session 4A: <i>Abiotic Interactions</i>	Grand Salon

	4:00 Abstract C4A01: Stacey Harmer, Session Chair, University of California-Davis, USA – <i>The Plant Clock and its Output</i>	
	4:25 Abstract C4A02: Eduardo Blumwald, University of California-Davis, USA – <i>Delayed Leaf Senescence Induces Extreme Drought Tolerance in Flowering Plants</i>	
	4:50 Abstract C4A03: Chan Yul Yoo, Purdue University, USA – <i>ATGTL1 Transcription Factor Regulates Water Use Efficiency and Drought Adaption Through CA2+/Calmodulin Signaling</i>	
	5:03 Abstract C4A04: Anjali Iyer-Pascuzzi, Duke University, USA – <i>Cell Type Specific Responses to Acid Stress in Arabidopsis</i>	
	5:16 Abstract C4A05: Tessa Durham, University of Wisconsin-Madison, USA – <i>Variation in the Root Gravitropic Response Characterized With High-Throughput Computer Vision Analysis</i>	
	Concurrent Session 4B: <i>Evolution and Development</i>	Alfred Rouleau
	4:00 Abstract C4B01: Liam Dolan, Session Chair, John Innes Centre, UK – <i>An Ancient Mechanism Controls the Development of Cells With Rooting Functions</i>	A&B
	4:25 Abstract C4B02: Faye Rosin, Harvard University, USA – <i>ABC Program and the Evolution of Novel Floral Organ Identity</i>	
	4:50 Abstract C4B03: Hongchang Cui, Duke University, USA - <i>Shortroot and Scarecrow in Root Development and Land Plant Evolution: Old Protists, New Functions</i>	
	5:03 Abstract C4B04: Tie Liu, Stanford University, USA – <i>Functional Diversification of Stomatal Patterning Genes in Monocotyledons</i>	
	5:16 Abstract C4B05: Eva Huala, TAIR/Carnegie Institute for Science, USA – <i>Arabidopsis as a Model for Plant Development</i>	
7:00 – 10:00 pm	Conference Banquet	McGill Residence Ballroom

Sunday, July 27, 2008

8:00 – 11:00 am	Registration Open	Grand Salon Foyer
8:00 – Noon	Posters Open	Complexe Desjardins & Alfred Rouleau C
8:30 – 10:00 am	Plenary Session VII: <i>Signal Transduction</i> 8:30 Abstract P701: Simon Gilroy, Session Chair, University of Madison-Wisconsin, USA – <i>Putting Plants in Touch with Their Feelings:</i>	Grand Salon

Mechanotransduction in Arabidopsis

9:10 Abstract P702: Sarah Liljegren, University of North Carolina-Chapel Hill, USA – *Membrane Trafficking and Receptor Kinase Signaling Control Organ Separation in Arabidopsis Flowers*

9:35 Abstract P703: Julin Maloof, University of California-Davis, USA – *Light Signaling: Insights From Time-Lapse Imaging and Quantitative Genetics*

10:00 – 10:30 am	Refreshment Break	Grand Salon Foyer
10:30 am - Noon	Plenary Session VIII: <i>Novel Tools and Techniques</i> 10:30 Abstract P801: Scott Peck, Session Chair, University of Missouri-Columbia, USA – <i>Quantitative Phosphoproteomics reveal New Components of Host-Pathogen Interactions</i>	Grand Salon
	11:10 Abstract P802: Thomas Eulgem, University of California-Riverside, USA – <i>Dissecting Plant Defence Signaling By Chemical and Molecular Genetics</i>	
	11:35 Abstract P803: Blake Myers, Delaware Biotechnology Institute, USA – <i>Deep Transcriptional Profiling of Plant Small RNAs</i>	
12:00 pm	Remove Posters – any not removed will be discarded	Complexe Desjardins & Alfred Rouleau C
