

T H E  
**PLANT**  
C E L L

Volume 20 Number 4 April 2008

The electronic form of this issue, available at [www.plantcell.org](http://www.plantcell.org), is the journal of record.

**ON THE COVER**



*Arabidopsis thaliana* produces determinate flowers, meaning that it develops a fixed number of whorls and parts per whorl, and internodes between whorls do not elongate. Prunet et al. (pages 901–919) show that floral axis termination and compression is influenced redundantly by REBELOTE (a protein of unknown function), SQUINT (a cyclophilin), ULTRAPETALA1 (a putative transcription factor), and CRABS CLAW (a carpel identity gene) through pathways dependent on AGAMOUS and SUPERMAN. The cover image illustrates one example of the floral indeterminacy phenotype described by the authors, here caused by combined mutations of *CRABS CLAW* and *SQUINT*. In this mutant, a floral axis grows inside the primary carpels and breaks through, while producing reiterations of stamens and carpels as whorls separated by elongated internodes.

**IN THIS ISSUE**

**High-Resolution Imaging of Cortical Microtubule Arrays** 817  
Nancy A. Eckardt

**IN BRIEF**

**Surprising New Member of the KNOTTED1-Like Family of Transcriptional Regulators Lacks a Homeodomain** 820  
Jennifer Mach

**PLP3 Proteins Function in Microtubule Assembly in *Arabidopsis*** 821  
Nancy A. Eckardt


**Probing the Role of Auxin in Wood Formation** 822  
Kathleen L. Farquharson

**Regulation of Plastid Gene Expression in the Chloroplast-to-Chromoplast Transition** 823  
Nancy R. Hofmann



**LETTER TO THE EDITOR**

**The *coi1-16* Mutant Harbors a Second Site Mutation Rendering PEN2 Nonfunctional** 824  
Lore Westphal, Dierk Scheel, and Sabine Rosahl

**RESEARCH ARTICLES**

**Histone Acetylation and Chromatin Remodeling Are Required for UV-B–Dependent Transcriptional Activation of Regulated Genes in Maize**  827  
Paula Casati, Mabel Campi, Feixia Chu, Nagi Suzuki, David Maltby, Shenheng Guan, Alma L. Burlingame, and Virginia Walbot

**Dissecting the Molecular Basis of the Regulation of Wood Formation by Auxin in Hybrid Aspen**  843  
Jeanette Nilsson, Anna Karlberg, Henrik Antti, Manuel Lopez-Vernaza, Ewa Mellerowicz, Catherine Perrot-Rechenmann, Göran Sandberg, and Rishikesh P. Bhalerao

**Plastid Transcriptomics and Translatomics of Tomato Fruit Development and Chloroplast-to-Chromoplast Differentiation: Chromoplast Gene Expression Largely Serves the Production of a Single Protein**   856  
Sabine Kahlau and Ralph Bock

**KNOX Lost the OX: The *Arabidopsis* *KNATM* Gene Defines a Novel Class of KNOX Transcriptional Regulators Missing the Homeodomain**  875  
Enrico Magnani and Sarah Hake

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- Interaction of *KNAT6* and *KNAT2* with *BREVIPEDICELLUS* and *PENNYWISE* in *Arabidopsis* Inflorescences** [W](#) 888  
Laura Ragni, Enric Belles-Boix, Markus Günl, and Véronique Pautot
- REBELOTE*, *SQUINT*, and *ULTRAPETALA1* Function Redundantly in the Temporal Regulation of Floral Meristem Termination in *Arabidopsis thaliana*** [W](#) 901  
Nathanaël Prunet, Patrice Morel, Anne-Marie Thierry, Yuval Eshed, John L. Bowman, Ioan Negrutiu, and Christophe Trehin
- HD-ZIP III Activity Is Modulated by Competitive Inhibitors via a Feedback Loop in *Arabidopsis* Shoot Apical Meristem Development** [W](#) 920  
Youn-Sung Kim, Sang-Gyu Kim, Minsun Lee, Ilha Lee, Hye-Young Park, Pil Joon Seo, Jae-Hoon Jung, Eun-Jung Kwon, Se Won Suh, Kyung-Hee Paek, and Chung-Mo Park
- The Receptor Kinase *CORYNE* of *Arabidopsis* Transmits the Stem Cell-Limiting Signal *CLAVATA3* Independently of *CLAVATA1*** [W](#) 934  
Ralf Müller, Andrea Bleckmann, and Rüdiger Simon
- Distinct Light-Initiated Gene Expression and Cell Cycle Programs in the Shoot Apex and Cotyledons of *Arabidopsis*** [W](#) 947  
Enrique López-Juez, Edyta Dillon, Zoltán Magyar, Safina Khan, Saul Hazeldine, Sarah M. de Jager, James A.H. Murray, Gerrit T.S. Beemster, László Bögre, and Hugh Shanahan
- Phosducin-Like Protein 3 Is Required for Microtubule-Dependent Steps of Cell Division but Not for Meristem Growth in *Arabidopsis*** [W](#) [OA](#) 969  
M. Mar Castellano and Robert Sablowski
- Analysis of Cortical Arrays from *Tradescantia virginiana* at High Resolution Reveals Discrete Microtubule Subpopulations and Demonstrates That Confocal Images of Arrays Can Be Misleading** [W](#) 982  
Deborah A. Barton, Marylin Vantard, and Robyn L. Overall
- Arabidopsis* *SCARs* Function Interchangeably to Meet Actin-Related Protein 2/3 Activation Thresholds during Morphogenesis** [W](#) 995  
Chunhua Zhang, Eileen L. Mallery, Jessica Schlueter, Shanjin Huang, Youran Fan, Steven Brankle, Christopher J. Staiger, and Daniel B. Szymanski
- Minor Antenna Proteins *CP24* and *CP26* Affect the Interactions between Photosystem II Subunits and the Electron Transport Rate in Grana Membranes of *Arabidopsis*** [W](#) 1012  
Silvia de Bianchi, Luca Dall'Osto, Giuseppe Tognon, Tomas Morosinotto, and Roberto Bassi
- Thylakoid Membrane Remodeling during State Transitions in *Arabidopsis*** [W](#) 1029  
Silvia G. Chuartzman, Reinat Nevo, Eyal Shimoni, Dana Charuvi, Vladimir Kiss, Itzhak Ohad, Vlad Brumfeld, and Ziv Reich
- $\beta$ -AMYLASE4, a Noncatalytic Protein Required for Starch Breakdown, Acts Upstream of Three Active  $\beta$ -Amylases in *Arabidopsis* Chloroplasts** [W](#) [OA](#) 1040  
Daniel C. Fulton, Michaela Stettler, Tabea Mettler, Cara K. Vaughan, Jing Li, Perigio Francisco, Manuel Gil, Heike Reinhold, Simona Eicke, Gaëlle Messlerli, Gary Dorken, Karen Halliday, Alison M. Smith, Steven M. Smith, and Samuel C. Zeeman
- The Structure of Sucrose Phosphate Synthase from *Halothermothrix orenii* Reveals Its Mechanism of Action and Binding Mode** [W](#) [OA](#) 1059  
Teck Khiang Chua, Janusz M. Bujnicki, Tien-Chye Tan, Frederick Huynh, Bharat K. Patel, and J. Sivaraman
- Functional and Physiological Characterization of *Arabidopsis* *INOSITOL TRANSPORTER1*, a Novel Tonoplast-Localized Transporter for *myo*-inositol** [W](#) 1073  
Sabine Schneider, Diana Beyhl, Rainer Hedrich, and Norbert Sauer
- Reduced V-ATPase Activity in the *trans*-Golgi Network Causes Oxylipin-Dependent Hypocotyl Growth Inhibition in *Arabidopsis*** [W](#) 1088  
Angela Brück, Tzu-Yin Liu, Melanie Krebs, York-Dieter Stierhof, Jan U. Lohmann, Otto Miersch, Claus Wasternack, and Karin Schumacher
- Analysis of the *Arabidopsis* Histidine Kinase *ATHK1* Reveals a Connection between Vegetative Osmotic Stress Sensing and Seed Maturation** [W](#) [OA](#) 1101  
Dana J. Wohlbach, Betania F. Quirino, and Michael R. Sussman

- Conserved C-Terminal Motifs Required for Avirulence and Suppression of Cell Death by *Phytophthora sojae* effector Avr1b** <sup>W</sup> 1118  
 Daolong Dou, Shiv D. Kale, Xinle Wang, Yubo Chen, Qunqing Wang, Xia Wang, Rays H.Y. Jiang, Felipe D. Arredondo, Ryan G. Anderson, Poulami B. Thakur, John M. McDowell, Yuanchao Wang, and Brett M. Tyler
- Activated Expression of an *Arabidopsis* HD-START Protein Confers Drought Tolerance with Improved Root System and Reduced Stomatal Density** <sup>W</sup> <sup>OA</sup> 1134  
 Hong Yu, Xi Chen, Yuan-Yuan Hong, Yao Wang, Ping Xu, Sheng-Dong Ke, Hai-Yan Liu, Jian-Kang Zhu, David J. Oliver, and Cheng-Bin Xiang
- Identification and Regulation of TPS04/GES, an *Arabidopsis* Geranylinalool Synthase Catalyzing the First Step in the Formation of the Insect-Induced Volatile C<sub>16</sub>-Homoterpene TMTT** <sup>W</sup> 1152  
 Marco Herde, Katrin Gärtner, Tobias G. Köllner, Benjamin Fode, Wilhelm Boland, Jonathan Gershenzon, Christiane Gatz, and Dorothea Tholl
- Fungal Effector Protein AVR2 Targets Diversifying Defense-Related Cys Proteases of Tomato** <sup>W</sup> 1169  
 Mohammed Shabab, Takayuki Shindo, Christian Gu, Farnusch Kaschani, Twinkal Pansuriya, Raju Chintha, Anne Harzen, Tom Colby, Sophien Kamoun, and Renier A.L. van der Hoorn

<sup>W</sup> Online version contains Web-only data.

<sup>OA</sup> Open Access articles can be viewed online without a subscription.



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*The Plant Cell* (ISSN 1040-4651, online ISSN 1531-298X) is published monthly (one volume per year) by the American Society of Plant Biologists, 15501 Monona Drive, Rockville, MD 20855-2768, and is produced by Dartmouth Journal Services, Waterbury, VT. The institutional price for the print and online versions is based on type of institution; contact [institution@aspb.org](mailto:institution@aspb.org). A subscription includes both *The Plant Cell* and *Plant Physiology*; single copies may be purchased for \$75 each, plus \$7 shipping (U.S.) or \$9 (outside U.S.). Members of the American Society of Plant Biologists may subscribe to *The Plant Cell* for \$160. Nonmember individuals may subscribe for \$325. For matters regarding subscriptions, contact Suzanne Cholwek, ASPB, 15501 Monona Drive, Rockville, MD 20855-2768; telephone 301/251-0560, ext. 141; fax 301/251-6740; e-mail [scholwek@aspb.org](mailto:scholwek@aspb.org). Notify ASPB in writing within 3 months (domestic) or 6 months (foreign) of issue date, and defective copies or copies lost in the mail will be replaced. Send all inquiries regarding display advertising to FASEB AdNet, 9650 Rockville Pike, Bethesda, MD 20814-3998; telephone 301/634-7791; fax 301/634-7153; e-mail [adnet@faseb.org](mailto:adnet@faseb.org). Periodicals postage paid at Rockville, MD 20850, and at additional mailing offices.

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