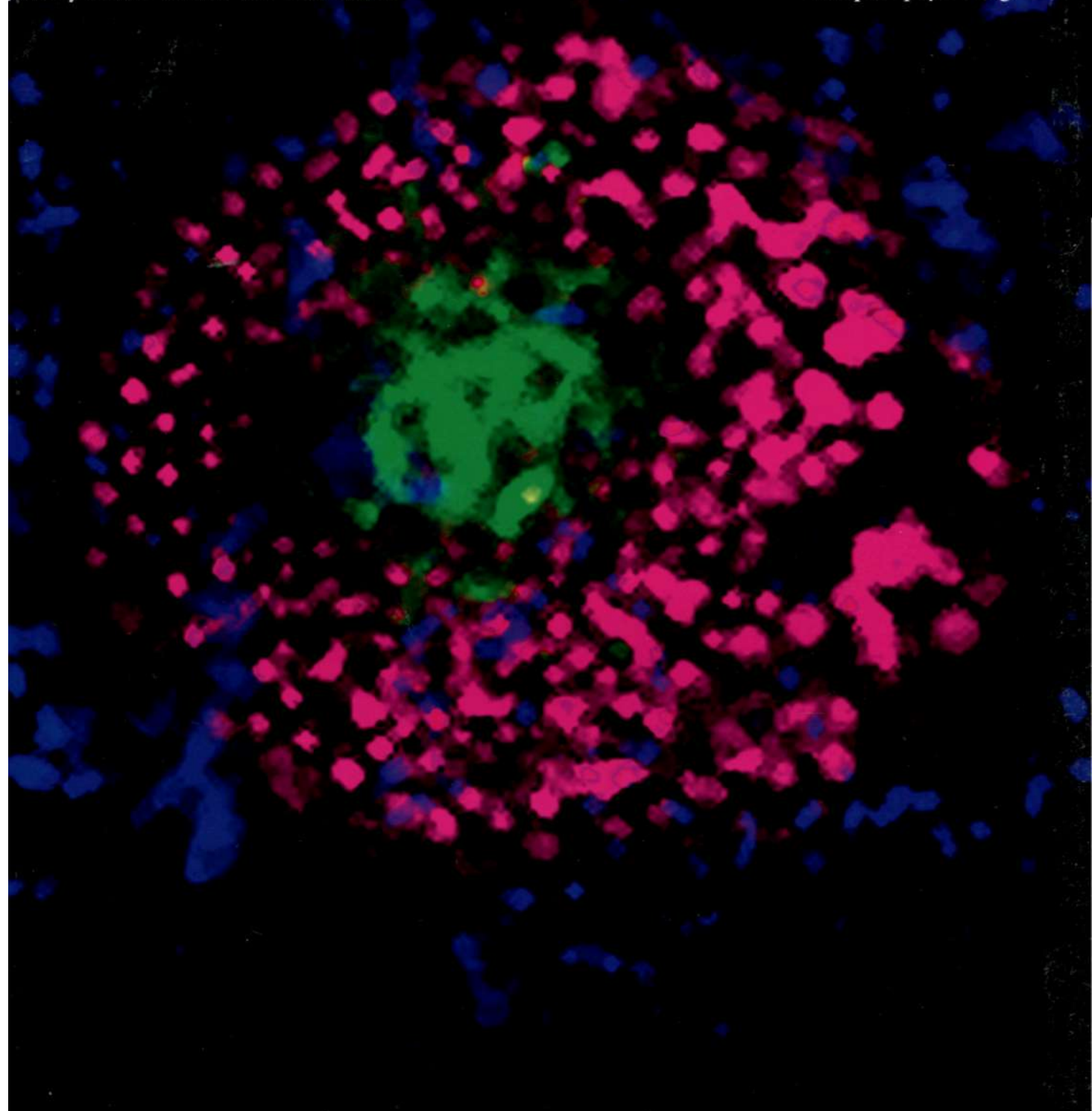


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Mutually Exclusive Distribution of Auxin and Cytokinin Responses during Shoot Apical Meristem Regeneration

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On the Cover: Mutually exclusive distribution of auxin and cytokinin reporters, *DR5rev::3XVENUS-N7* and *TCS::GFP*, respectively, during stem cell initiation within the forming shoot apical meristem. The image is a view looking down on the shoot apex. Cytokinin reporter activity (green) localizes to the central zone. Auxin reporter activity (red) localizes in a ring around the central zone. Nuclei labeled blue are chlorophyll autofluorescence. This distinct zonation arises from the repression of cytokinin biosynthesis associated with auxin signaling in the peripheral region, and gives rise to the induction of stem cells and subsequent generation of the shoot apical meristem. See Cheng et al. in this issue, pp. 240–251.

ON THE INSIDE

Peter V. Minorsky 1

EDITORIAL

Plant Physiology Plugged In. Mike Blatt 3

UPDATES

^[W]The Impact of Global Change Factors on Redox Signaling Underpinning Stress Tolerance. Sergi Munné-Bosch, Guillaume Queval, and Christine H. Foyer 5

BREAKTHROUGH TECHNOLOGIES

^[W]^[OA]Transcription Activator-Like Effector Nucleases Enable Efficient Plant Genome Engineering. Yong Zhang, Feng Zhang, Xiaohong Li, Joshua A. Baller, Yiping Qi, Colby G. Starker, Adam J. Bogdanove, and Daniel F. Voytas 20

^[W]^[i]RootHair: A Comprehensive Root Hair Genomics Database. Mirosław Kwasniewski, Urszula Nowakowska, Jakub Szumera, Karolina Chwiałkowska, and Iwona Szarejko 28

^[W]^[OA]Tnt1 Retrotransposon Mutagenesis: A Tool for Soybean Functional Genomics. Yaya Cui, Shyam Barampuram, Mirviluz G. Stacey, C. Nathan Hancock, Seth Findley, Melanie Mathieu, Zhanyuan Zhang, Wayne A. Parrott, and Gary Stacey 36

RESEARCH ARTICLES

BIOCHEMISTRY AND METABOLISM

^[W]^[OA]Identification and Characterization of the Missing Pyrimidine Reductase in the Plant Riboflavin Biosynthesis Pathway. Ghulam Hasnain, Océane Frelin, Sanja Roje, Kenneth W. Ellens, Kashif Ali, Jiahn-Chou Guan, Timothy J. Garrett, Valérie de Crécy-Lagard, Jesse F. Gregory III, Donald R. McCarty, and Andrew D. Hanson 48

^[W]^[OA]*Chlamydomonas reinhardtii* Chloroplasts Contain a Homodimeric Pyruvate:Ferredoxin Oxidoreductase That Functions with FDX1. Robert van Lis, Carole Baffert, Yohann Couté, Wolfgang Nitschke, and Ariane Atteia 57

^[W]Molecular Characterization of the Fatty Alcohol Oxidation Pathway for Wax-Ester Mobilization in Germinated Jojoba Seeds. Alex S. Rajangam, Satinder K. Gidda, Christian Craddock, Robert T. Mullen, John M. Dyer, and Peter J. Eastmond 72

^[W]Involvement of Arabidopsis ACYL-COENZYME A DESATURASE-LIKE2 (At2g31360) in the Biosynthesis of the Very-Long-Chain Monounsaturated Fatty Acid Components of Membrane Lipids. Mark A. Smith, Melanie Dauk, Hussein Ramadan, Hui Yang, Laura E. Seamons, Richard P. Haslam, Frédéric Beaudoin, Irving Ramirez-Erosa, and Li Forseille 81

^[C]^[W]^[OA]Group III-A XTH Genes of Arabidopsis Encode Predominant Xyloglucan Endohydrolases That Are Dispensable for Normal Growth. Nonchit Kaewthai, Delphine Gendre, Jens M. Eklöf, Farid M. Ibatullin, Ines Ezcurra, Rishikesh P. Bhalerao, and Harry Brumer 440

Continued on next page

[W][OA]	Identification and Origin of <i>N</i> -Linked β -D- <i>N</i> -Acetylglucosamine Monosaccharide Modifications on Arabidopsis Proteins. <i>Young-Cheon Kim, Neal Jahren, Matthew D. Stone, Namrata D. Udeshi, Todd W. Markowski, Bruce A. Witthuhn, Jeffrey Shabanowitz, Donald F. Hunt, and Neil E. Olszewski</i>	455
[C][W][OA]	Structure of Cellulose Microfibrils in Primary Cell Walls from Collenchyma. <i>Lynne H. Thomas, V. Trevor Forsyth, Adriana Šturcová, Craig J. Kennedy, Roland P. May, Clemens M. Altaner, David C. Apperley, Timothy J. Wess, and Michael C. Jarvis</i>	465
CELL BIOLOGY		
[W][OA]	NaStEP: A Proteinase Inhibitor Essential to Self-Incompatibility and a Positive Regulator of HT-B Stability in <i>Nicotiana glauca</i> Pollen Tubes. <i>Karina Jiménez-Durán, Bruce McClure, Florencia García-Campusano, Rogelio Rodríguez-Sotres, Jesús Cisneros, Grethel Busot, and Felipe Cruz-García</i>	97
[W][OA]	Identification of Two Novel Endoplasmic Reticulum Body-Specific Integral Membrane Proteins. <i>Kenji Yamada, Atsushi J. Nagano, Momoko Nishina, Ikuko Hara-Nishimura, and Mikio Nishimura</i>	108
[C][W][OA]	Functional Identification of Sorting Receptors Involved in Trafficking of Soluble Lytic Vacuolar Proteins in Vegetative Cells of Arabidopsis. <i>Yongjik Lee, Mihue Jang, Kyungyoung Song, Hyangju Kang, Myoung Hui Lee, Dong Wook Lee, Jan Zouhar, Enrique Rojo, Eun Ju Sohn, and Inhwan Hwang</i>	121
[C][W][OA]	Influence of Host Chloroplast Proteins on Tobacco mosaic virus Accumulation and Intercellular Movement. <i>Sumana Bhat, Svetlana Y. Folimonova, Anthony B. Cole, Kimberly D. Ballard, Zhentian Lei, Bonnie S. Watson, Lloyd W. Sumner, and Richard S. Nelson</i>	134
ECOPHYSIOLOGY AND SUSTAINABILITY		
[W][OA]	An Essential Role for Tomato Sulfite Oxidase and Enzymes of the Sulfite Network in Maintaining Leaf Sulfite Homeostasis. <i>Galina Brychkova, Vladislav Grishkevich, Robert Fluhr, and Moshe Sagi</i>	148
[W][OA]	Thermal Acclimation of the Symbiotic Alga <i>Symbiodinium</i> spp. Alleviates Photobleaching under Heat Stress. <i>Shunichi Takahashi, Miho Yoshioka-Nishimura, Daisuke Nanba, and Murray R. Badger</i>	477
GENES, DEVELOPMENT, AND EVOLUTION		
[C][W]	RRP41L, a Putative Core Subunit of the Exosome, Plays an Important Role in Seed Germination and Early Seedling Growth in Arabidopsis. <i>Min Yang, Bangyue Zhang, Jianheng Jia, Chunxia Yan, Aijiang Habaike, and Yuzhen Han</i>	165
[C][W][OA]	A Conifer ABI3-Interacting Protein Plays Important Roles during Key Transitions of the Plant Life Cycle. <i>Ying Zeng, Tiehan Zhao, and Allison R. Kermode</i>	179
[W]	Deficiency in a Very-Long-Chain Fatty Acid β -Ketoacyl-Coenzyme A Synthase of Tomato Impairs Microgametogenesis and Causes Floral Organ Fusion. <i>Anna Smirnova, Jana Leide, and Markus Riederer</i>	196
[W][OA]	Characteristics and Significance of Intergenic Polyadenylated RNA Transcription in Arabidopsis. <i>Gaurav D. Moghe, Melissa D. Lehti-Shiu, Alex E. Seddon, Shan Yin, Yani Chen, Piyada Juntawong, Federica Brandizzi, Julia Bailey-Serres, and Shin-Han Shiu</i>	210
[C][W]	An Ancient Duplication of Apple MYB Transcription Factors Is Responsible for Novel Red Fruit-Flesh Phenotypes. <i>David Chagné, Kui Lin-Wang, Richard V. Espley, Richard K. Volz, Natalie M. How, Simon Rouse, Cyril Brendolise, Charmaine M. Carlisle, Satish Kumar, Nihal De Silva, Diego Micheletti, Tony McGhie, Ross N. Crowhurst, Roy D. Storey, Riccardo Velasco, Roger P. Hellens, Susan E. Gardiner, and Andrew C. Allan</i>	225
[W][OA]	Pattern of Auxin and Cytokinin Responses for Shoot Meristem Induction Results from the Regulation of Cytokinin Biosynthesis by AUXIN RESPONSE FACTOR3. <i>Zhi Juan Cheng, Liang Wang, Wei Sun, Yan Zhang, Chao Zhou, Ying Hua Su, Wei Li, Tian Tian Sun, Xiang Yu Zhao, Xing Guo Li, Youfa Cheng, Yunde Zhao, Qi Xie, and Xian Sheng Zhang</i>	240
[W][OA]	Comparative Analysis of Syntenic Genes in Grass Genomes Reveals Accelerated Rates of Gene Structure and Coding Sequence Evolution in Polyploid Wheat. <i>Eduard D. Akhunov, Sunish Sehgal, Hanquan Liang, Shichen Wang, Alina R. Akhunova, Gaganpreet Kaur, Wanlong Li, Kerrie L. Forrest, Deven See, Hana Šimková, Yaqin Ma, Matthew J. Hayden, Mingcheng Luo, Justin D. Faris, Jaroslav Doležel, and Bikram S. Gill</i>	252

[CI][W] Genome-Wide Analysis of <i>Stowaway</i> -Like MITEs in Wheat Reveals High Sequence Conservation, Gene Association, and Genomic Diversification. <i>Beery Yaakov, Smadar Ben-David, and Khalil Kashkush</i>	486
MEMBRANES, TRANSPORT, AND BIOENERGETICS	
[W][OA] A Protein Kinase, Calcineurin B-Like Protein-Interacting Protein Kinase9, Interacts with Calcium Sensor Calcineurin B-Like Protein3 and Regulates Potassium Homeostasis under Low-Potassium Stress in <i>Arabidopsis</i> . <i>Li-Li Liu, Hui-Min Ren, Li-Qing Chen, Yi Wang, and Wei-Hua Wu</i>	266
[OA] Differential Mobility of Pigment-Protein Complexes in Granal and Agranal Thylakoid Membranes of C ₃ and C ₄ Plants. <i>Helmut Kirchhoff, Richard M. Sharpe, Miroslava Herbstova, Robert Yarbrough, and Gerald E. Edwards</i>	497
[CI][W] Thioredoxin m4 Controls Photosynthetic Alternative Electron Pathways in <i>Arabidopsis</i> . <i>Agathe Courteille, Simona Vesa, Ruth Sanz-Barrio, Anne-Claire Cazalé, Noëlle Becuwe-Linka, Immaculada Farran, Michel Havaux, Pascal Rey, and Dominique Rumeau</i>	508
[W][OA] One Divinyl Reductase Reduces the 8-Vinyl Groups in Various Intermediates of Chlorophyll Biosynthesis in a Given Higher Plant Species, But the Isozyme Differs between Species. <i>Pingrong Wang, Chunmei Wan, Zhengjun Xu, Pingyu Wang, Wenming Wang, Changhui Sun, Xiaozhi Ma, Yunhua Xiao, Jianqing Zhu, Xiaoling Gao, and Xiaojian Deng</i>	521
[CI][W][OA] The Requirement for Carotenoids in the Assembly and Function of the Photosynthetic Complexes in <i>Chlamydomonas reinhardtii</i> . <i>Stefano Santabarbara, Anna Paola Casazza, Kulsam Ali, Chloe K. Economou, Thanyanun Wannathong, Francesca Zito, Kevin E. Redding, Fabrice Rappaport, and Saul Purton</i>	535
SIGNALING AND RESPONSE	
[W] The Circadian Clock-Associated Small GTPase LIGHT INSENSITIVE PERIOD1 Suppresses Light-Controlled Endoreplication and Affects Tolerance to Salt Stress in <i>Arabidopsis</i> . <i>Kata Terecskei, Réka Tóth, Péter Gyula, Éva Kevei, János Bindics, George Coupland, Ferenc Nagy, and László Kozma-Bognár</i>	278
[CI][W] Two GRAS Proteins, SCARECROW-LIKE21 and PHYTOCHROME A SIGNAL TRANSDUCTION1, Function Cooperatively in Phytochrome A Signal Transduction. <i>Patricia Torres-Galea, Birgit Hirtreiter, and Cordelia Bolle</i>	291
[W][OA] Demethylesterification of Cell Wall Pectins in <i>Arabidopsis</i> Plays a Role in Seed Germination. <i>Kerstin Müller, Gabriel Levesque-Tremblay, Sebastian Bartels, Karin Weitbrecht, Alexandra Wormit, Bjoern Usadel, George Haughn, and Allison R. Kermode</i>	305
[W] Loose Plant Architecture1, an INDETERMINATE DOMAIN Protein Involved in Shoot Gravitropism, Regulates Plant Architecture in Rice. <i>Xinru Wu, Ding Tang, Ming Li, Kejian Wang, and Zhukuan Cheng</i>	317
[W][OA] Loss of Function of <i>Arabidopsis</i> C-Terminal Domain Phosphatase-Like1 Activates Iron Deficiency Responses at the Transcriptional Level. <i>Emre Aksoy, In Sil Jeong, and Hisashi Koitwa</i>	330
[W][OA] GmDREB2A;2, a Canonical DEHYDRATION-RESPONSIVE ELEMENT-BINDING PROTEIN2-Type Transcription Factor in Soybean, Is Posttranslationally Regulated and Mediates Dehydration-Responsive Element-Dependent Gene Expression. <i>Junya Mizoi, Teppei Otori, Takashi Moriwaki, Satoshi Kidokoro, Daisuke Todaka, Kyonoshin Maruyama, Kazuya Kusakabe, Yuriko Osakabe, Kazuo Shinozaki, and Kazuko Yamaguchi-Shinozaki</i>	346
[W] Regulation of <i>miR399f</i> Transcription by AtMYB2 Affects Phosphate Starvation Responses in <i>Arabidopsis</i> . <i>Dongwon Baek, Min Chul Kim, Hyun Jin Chun, Songhwa Kang, Hyeong Cheol Park, Gilok Shin, Jiyoung Park, Mingzhe Shen, Hyeon Hong, Woe-Yeon Kim, Doh Hoon Kim, Sang Yeol Lee, Ray A. Bressan, Hans J. Bohnert, and Dae-Jin Yun</i>	362
[CI][W][OA] The Rubisco Small Subunit Is Involved in Tobamovirus Movement and Tm-2 ² -Mediated Extreme Resistance. <i>Jinping Zhao, Qi Liu, Haili Zhang, Qi Jia, Yiguo Hong, and Yule Liu</i>	374
[CI][W][OA] The Pepper Extracellular Xyloglucan-Specific Endo-β-1,4-Glucanase Inhibitor Protein Gene, <i>CaXEGIP1</i> , Is Required for Plant Cell Death and Defense Responses. <i>Hyong Woo Choi, Nak Hyun Kim, Yeon Kyeong Lee, and Byung Kook Hwang</i>	384

- [W][OA] Rapid Reversion from Monomer to Dimer Regenerates the Ultraviolet-B Photoreceptor UV RESISTANCE LOCUS8 in Intact Arabidopsis Plants. *Monika Heilmann and Gareth I. Jenkins* 547
- [C][W][OA] Rhizobial and Mycorrhizal Symbioses in *Lotus japonicus* Require Lectin Nucleotide Phosphohydrolase, Which Acts Upstream of Calcium Signaling. *Nicholas J. Roberts, Giulia Morieri, Gurpreet Kalsi, Alan Rose, Jiri Stiller, Anne Edwards, Fang Xie, Peter M. Gresshoff, Giles E.D. Oldroyd, J. Allan Downie, and Marilyn E. Etzler* 556

SYSTEMS AND SYNTHETIC BIOLOGY

- [W][OA] Metabolic Engineering of Tomato Fruit Organic Acid Content Guided by Biochemical Analysis of an Introgression Line. *Megan J. Morgan, Sonia Osorio, Bernadette Gehl, Charles J. Baxter, Nicholas J. Kruger, R. George Ratcliffe, Alisdair R. Fernie, and Lee J. Sweetlove* 397
- [W][OA] Arabidopsis Response Regulator1 and Arabidopsis Histidine Phosphotransfer Protein2 (AHP2), AHP3, and AHP5 Function in Cold Signaling. *Jin Jeon and Jungmook Kim* 408
- [C][W][OA] Expression Dynamics of the *Medicago truncatula* Transcriptome during the Symbiotic Interaction with *Sinorhizobium meliloti*: Which Role for Nitric Oxide?. *Alexandre Boscari, Jennifer del Giudice, Alberto Ferrarini, Luca Venturini, Anne-Lise Zaffini, Massimo Delledonne, and Alain Puppo* 425

[C] Some figures in this article are displayed in color online but in black and white in the print edition.

[W] Indicates Web-only data.

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