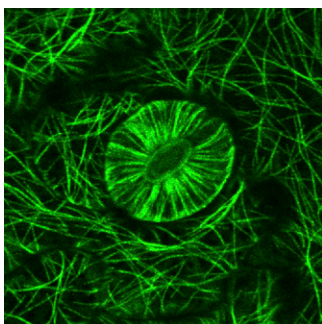


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**ON THE COVER**



The  $\gamma$ -tubulin complex, which is critical for microtubule (MT) nucleation and organization in eukaryotic cells, comprises six  $\gamma$ -tubulin complex proteins (GCPs), with  $\gamma$ -tubulin itself being GCP1. The function of the other GCPs is well-described in animal and fungal cells but not well understood in plant cells. Kong et al. (pages 191–204) show that GCP4 is an indispensable component for the function of  $\gamma$ -tubulin in MT nucleation and organization in plant cells. The cover image shows MT highlighted by a green fluorescent protein-tubulin fusion protein expressed in leaf epidermal cells in *Arabidopsis*. The paired guard cells in the center exhibit radiating MT arrays, whereas the cortical MTs form complex networks in the surrounding pavement cells.

**IN BRIEF**

- Physcomitrella* Reveals a Key Role for Stromal Hsp70 Chaperones in Chloroplast Protein Import** 1  
Nancy A. Eckardt
- Retrotransposon Domain Swapping** 2  
Jennifer Mach
- A Double Lock on Polyploidy-Associated Epigenetic Gene Silencing** 3  
Nancy A. Eckardt

**REVIEW**

- Evolutionary Studies Illuminate the Structural-Functional Model of Plant Phytochromes** [W](#) 4  
Sarah Mathews

**RESEARCH ARTICLES**

- Global Epigenetic and Transcriptional Trends among Two Rice Subspecies and Their Reciprocal Hybrids** [W](#) 17  
Guangming He, Xiaopeng Zhu, Axel A. Elling, Liangbi Chen, Xiangfeng Wang, Lan Guo, Manzhong Liang, Hang He, Huiyong Zhang, Fangfang Chen, Yijun Qi, Runsheng Chen, and Xing-Wang Deng
- Cooperation of Multiple Chromatin Modifications Can Generate Unanticipated Stability of Epigenetic States in *Arabidopsis*** [C](#) [W](#) [OA](#) 34  
Tuncay Baubec, Huy Q. Dinh, Ales Pecinka, Branislava Rakic, Wilfried Rozhon, Bonnie Wohlrab, Arndt von Haeseler, and Ortrun Mittelsten Scheid
- Bifurcation and Enhancement of Autonomous-Nonautonomous Retrotransposon Partnership through LTR Swapping in Soybean** [C](#) [W](#) 48  
Jianchang Du, Zhixi Tian, Nathan J. Bowen, Jeremy Schmutz, Randy C. Shoemaker, and Jianxin Ma
- BLADE-ON-PETIOLE1 Coordinates Organ Determinacy and Axial Polarity in *Arabidopsis* by Directly Activating ASYMMETRIC LEAVES2** [C](#) [W](#) 62  
Ji Hyung Jun, Chan Man Ha, and Jennifer C. Fletcher
- The Plastid Isoform of Triose Phosphate Isomerase Is Required for the Postgerminative Transition from Heterotrophic to Autotrophic Growth in *Arabidopsis*** [W](#) 77  
Mingjie Chen and Jay J. Thelen

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- The ABORTED MICROSPORES Regulatory Network Is Required for Postmeiotic Male Reproductive Development in *Arabidopsis thaliana*** [W](#) [O](#) [A](#) 91  
Jie Xu, Caiyun Yang, Zheng Yuan, Dasheng Zhang, Martha Y. Gondwe, Zhiwen Ding, Wanqi Liang, Dabing Zhang, and Zoe A. Wilson
- Arabidopsis* CULLIN4-Damaged DNA Binding Protein 1 Interacts with CONSTITUTIVELY PHOTOMORPHOGENIC1-SUPPRESSOR OF PHYA Complexes to Regulate Photomorphogenesis and Flowering Time** [C](#) [W](#) 108  
Haodong Chen, Xi Huang, Giuliana Gusmaroli, William Terzaghi, On Sun Lau, Yuki Yanagawa, Yu Zhang, Jigang Li, Jae-Hoon Lee, Danmeng Zhu, and Xing Wang Deng
- The RAD23 Family Provides an Essential Connection between the 26S Proteasome and Ubiquitylated Proteins in *Arabidopsis*** [W](#) 124  
Lisa M. Farmer, Adam J. Book, Kwang-Hee Lee, Ya-Ling Lin, Hongyong Fu, and Richard D. Vierstra
- Auxin-Mediated Ribosomal Biogenesis Regulates Vacuolar Trafficking in *Arabidopsis*** [W](#) 143  
Abel Rosado, Eun Ju Sohn, Georgia Drakakaki, Songqin Pan, Alexandra Swidergal, Yuqing Xiong, Byung-Ho Kang, Ray A. Bressan, and Natasha V. Raikhel
- Loss-of-Function Mutations of Retromer Large Subunit Genes Suppress the Phenotype of an *Arabidopsis zig* Mutant That Lacks Qb-SNARE VTI11** [C](#) [W](#) 159  
Yasuko Hashiguchi, Mitsuru Niihama, Tetsuya Takahashi, Chieko Saito, Akihiko Nakano, Masao Tasaka, and Miyo Terao Morita
- Cytochrome P450 Family Member CYP704B2 Catalyzes the  $\omega$ -Hydroxylation of Fatty Acids and Is Required for Anther Cutin Biosynthesis and Pollen Exine Formation in Rice** [W](#) [O](#) [A](#) 173  
Hui Li, Franck Pinot, Vincent Sauveplane, Danièle Werck-Reichhart, Patrik Diehl, Lukas Schreiber, Rochus Franke, Ping Zhang, Liang Chen, Yawei Gao, Wanqi Liang, and Dabing Zhang
- The  $\gamma$ -Tubulin Complex Protein GCP4 Is Required for Organizing Functional Microtubule Arrays in *Arabidopsis thaliana*** [W](#) 191  
Zhaosheng Kong, Takashi Hotta, Yuh-Ru Julie Lee, Tetsuya Horio, and Bo Liu
- A Stromal Heat Shock Protein 70 System Functions in Protein Import into Chloroplasts in the Moss *Physcomitrella patens*** [C](#) [W](#) [O](#) [A](#) 205  
Lan-Xin Shi and Steven M. Theg
- An *Arabidopsis* Mutant with High Cyclic Electron Flow around Photosystem I (*hcef*) Involving the NADPH Dehydrogenase Complex** [W](#) [O](#) [A](#) 221  
Aaron K. Livingston, Jeffrey A. Cruz, Kaori Kohzuma, Amit Dhingra, and David M. Kramer
- MRL1, a Conserved Pentatricopeptide Repeat Protein, Is Required for Stabilization of *rbcl* mRNA in *Chlamydomonas* and *Arabidopsis*** [C](#) [W](#) 234  
Xenie Johnson, Katia Wostrikoff, Giovanni Finazzi, Richard Kuras, Christian Schwarz, Sandrine Bujaldon, Joerg Nickelsen, David B. Stern, Francis-André Wollman, and Olivier Vallon
- The *Arabidopsis* Prohibitin Gene *PHB3* Functions in Nitric Oxide-Mediated Responses and in Hydrogen Peroxide-Induced Nitric Oxide Accumulation** [C](#) [W](#) 249  
Yong Wang, Amber Ries, Kati Wu, Albert Yang, and Nigel M. Crawford
- Tomato 14-3-3 Protein 7 Positively Regulates Immunity-Associated Programmed Cell Death by Enhancing Protein Abundance and Signaling Ability of MAPKKK $\alpha$**  [C](#) [W](#) 260  
Chang-Sik Oh, Kerry F. Pedley, and Gregory B. Martin

Sven Heiling, Meredith C. Schuman, Matthias Schoettner, Purba Mukerjee, Beatrice Berger, Bernd Schneider, Amir R. Jassbi, and Ian T. Baldwin

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