



ww.cell.com/molecular-plant

IPPE, SIBS, CAS

Molecular Plant

Published on behalf of CSPB and IPPE, SIBS, CAS

Volume 11 Number 9 September 2018

1105	FAIR: A Call to Make Published Data More Findable, Accessible, Interoperable, and Reusable	Leonore Heiser, Lisa Harper, Michael Freeling, Bin Han, and Sheng Luan
Spotli	ghts	
1109	Importing Manganese into the Chloroplast: Many Membranes to Cross	Anja Krieger-Liszkay and Sébastien Thomine
1112	H2A.Z at the Core of Transcriptional Regulation in Plants	S. Vinod Kumar

1115	Pièce de Self-Résistance: a New Paradigm	Matthew Hill and Jing-Ke Weng
	for Natural-Product Herbicide Discovery	

Review Article

1117 Molecular Mechanisms of Leaf Morphogenesis Fei	Du, Chunmei Guan, and Yuling Jiao
---	-----------------------------------

Resea	nch Articles	
1135	Brassinosteroid Signaling Recruits Histone 3 Lysine-27 Demethylation Activity to FLOWERING LOCUS C Chromatin to Inhibit the Floral Transition in Arabidopsis	Zicong Li, Yang Ou, Zhicheng Zhang, Jianming Li, and Yuehui He
1147	Quantitative Trait Loci Analysis Identifies a Prominent Gene Involved in the Production of Fatty Acid-Derived Flavor Volatiles in Tomato	Karolina Garbowicz, Zhongyuan Liu, Saleh Alseekh, Denise Tieman, Mark Taylor, Anastasiya Kuhalskaya, Itai Ofner, Dani Zamir, Harry J. Klee, Alisdair R. Fernie, and Yariv Brotman
1166	Four IVa bHLH Transcription Factors Are Novel Interactors of FIT and Mediate JA Inhibition of Iron Uptake in <i>Arabidopsis</i>	Yan Cui, Chun-Lin Chen, Man Cui, Wen-Juan Zhou, Hui-Lan Wu, and Hong-Qing Ling

1184	The Flowering Repressor SVP Confers Drought	Zhen Wang, Fuxing Wang, Yechun Hong, Juanjuan Yao,
	Resistance in Arabidopsis by Regulating Abscisic	Zhizhong Ren, Huazhong Shi, and Jian-Kang Zhu
	Acid Catabolism	

1198	AGC1.5 Kinase Phosphorylates RopGEFs	En Li, Yong Cui, Fu-Rong Ge, Sen Chai, Wei-Tong Zhang,
	to Control Pollen Tube Growth	Qiang-Nan Feng. Liwen Jiang, Sha Li, and Yan Zhang

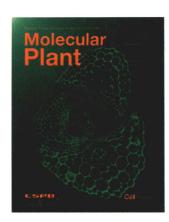
Letters to the Editor

1210 Programmed Self-Elimination of the CRISPR/Cas9
Construct Greatly Accelerates the Isolation
of Edited and Transgene-Free Rice Plants

Yubing He, Min Zhu, Lihao Wang, Junhua Wu, Qiaoyan Wang, Rongchen Wang, and Yunde Zhao

1214 Genome Editing and Double-Fluorescence
Proteins Enable Robust Maternal Haploid
Induction and Identification in Maize

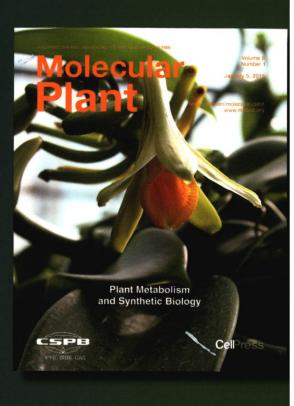
Le Dong, Lina Li, Changlin Liu, Chenxu Liu, Shuaifeng Geng, Xinhai Li, Changling Huang, Long Mao, Shaojiang Chen, and Chuanxiao Xie



On The Cover

The image shows early leaf development in *Arabidopsis*. Leaf primordia with different ages are arranged regularly around the shoot apical meristem following the rule of phyllotaxis, in which the cells are outlined by cell wall specific dye. Image by: Fei Du.

Share your plant biology breakthroughs with the world



Give your plant biology research the global visibility and recognition it deserves. Share your breakthroughs with the world in *Molecular Plant*, now published by Cell Press. Submit your manuscript today!

Learn more and sign up for free e-Tables of Contents at www.cell.com/molecular-plant

Postal Delivery No.4-161 ¥ 200/Issue

CellPress

