SHORT COMMUNICATIONS

Sugar-induced endocytosis of plant 7TM-RGS proteins
Nguyen Phan, Daisuke Urano, Miroslav Srba, Lukas Fischer and Alan Jones
eLocation ID: e22814

Allelic differences in Medicago truncatula NIP/LATD mutants correlate with their encoded proteins’ transport activities in planta
Mohammad Salehin, Ying-Sheng Huang, Rammyani Bagchi, D. Janine Sherrier and Rebecca Dickstein
eLocation ID: e22813

Sequence diversity and conservation in factors influencing succinate dehydrogenase flaviylation
Shaobai Huang and A. Harvey Millar
eLocation ID: e22815

Circadian clock and PIF4-mediated external coincidence mechanism coordinately integrates both of the cues from seasonal changes in photoperiod and temperature to regulate plant growth in Arabidopsis thaliana
Yuji Nomoto, Saori Kubozono, Miki Miyachi, Norihiro Nakamichi, Takeshi Mizuno and Takafumi Yamashino
eLocation ID: e22863

The role of DMI1 in establishing Ca\textsuperscript{2+} oscillations in legume symbioses
Myriam Charpentier, Teresa Vaz Martins, Emma Granqvist, Giles Oldroyd and Richard Morris
eLocation ID: e22894

OsLYP4 and OsLYP6 play critical roles in rice defense signal transduction
Bing Liu, Jian-Feng Li, Ying Ao, Zhangqun Li, Jun Liu, Dongru Feng, Kangbiao Qi, Yanning He, Liexian Zeng, Jinfan Wang and Hong-Bin Wang
eLocation ID: e22980

Cell autonomous and non-cell autonomous control of rhizobial and mycorrhizal infection in Medicago truncatula
Pauline Rival, Jean-Jacques Bono, Clare Gough, Sandra Bensmihen and Charles Rosenberg
eLocation ID: e22999

Iron competition in fungus-plant interactions: The battle takes place in the rhizosphere
Manuel S. López-Berges, David Turra, Javier Capilla, Lukas Schafferer, Sandra Matthijis, Christoph Jöchl, Pierre Cornelis, Josep Guarro, Hubertus Haas and Antonio Di Pietro
eLocation ID: e23012

Genome-wide analysis of glutathione reductase (GR) genes from rice and Arabidopsis
Dipesh Kumar Trivedi, Sarvajeet Singh Gill, Sandep Yadav and Narendra Tuteja
eLocation ID: e23021

Chaperonin 20 might be an iron chaperone for superoxide dismutase in activating iron superoxide dismutase (FeSOD)
Wen-Yu Kuo, Chien-Hsun Huang and Tsung-Luo Jinn
eLocation ID: e23074

PS-type sulphhydryl oxidoreductase promotes the sorting of proteins to protein body I in rice endosperm cells
Yayoi Onda and Yasushi Kawagoe
eLocation ID: e23075

About the cover.
DAB H2O2 staining of leaves of wild type and vte1and vte4 mutants of A. thaliana growing in a hydroponic system after 0, 4, 16,24 or 72h of control and salt treatment. For more information, please see Ellouzi et al., Plant Signaling & Behavior 2013; 8: 23136.
**SHORT COMMUNICATIONS (CONTINUED)**

Circadian control of jasmonates and salicylates: The clock role in plant defense
Danielle Goodspeed, E. Wassim Chehab, Michael F. Covington and Janet Braam
eLocation ID: e23123

AtCYP710A1 gene-mediated stigmasterol production plays a role in imparting temperature stress tolerance in *Arabidopsis thaliana*
Muthappa Senthil-Kumar, Keri Wang and Kirankumar S. Mysore
eLocation ID: e23142

Gravitropic response induced by coumarin: Evidences of ROS distribution involvement
Antonio Lupini, Fabrizio Araniti, Francesco Sunseri and Maria Rosa Abenavoli
eLocation ID: e23156

Abundance of mixed linkage glucan in mature tissues and secondary cell walls of grasses
Miguel Vega-Sanchez, Yves Verhertbruggen, Henrik Vibe Scheller and Pamela Ronald
eLocation ID: e23143

**MINI-REVIEW**

News about cryptochrome photoreceptors in algae
Benedikt Beel, Nico Müller, Tilman Kottke and Maria Mittag
eLocation ID: e22870

**REVIEWS**

Unraveling the circadian clock in *Arabidopsis*
Xiaoxue Wang and Ligeng Ma
eLocation ID: e23014

Insights into post-transcriptional regulation during legume-rhizobia symbiosis
Mauricio Alberto Reynoso, Flavio Antonio Blanco and María Eugenia Zanetti
eLocation ID: e23102

Molecular components of stress-responsive plastid retrograde signaling networks and their involvement in ammonium stress
Baohai Li, Herbert J. Kronzucker and Weiming Shi
eLocation ID: e23107

**RESEARCH PAPERS**

In low transpiring conditions, uncoupling the *BnNrt2.1* and *BnNrt1.1* NO₃ - transporters by glutamate treatment reveals the essential role of *BnNRT2.1* for nitrate uptake and the nitrate-signaling cascade during growth
Antonin Leblanc, Raphael Segura, Carole Deleu and Erwan Le Deunff
eLocation ID: e22904

In low transpiring conditions, nitrate and water fluxes for growth of *B. napus* plantlets correlate with changes in *BnNrt2.1* and *BnNrt1.1* nitrate transporter expression
Fabien Le Ny, Antonin Leblanc, Patrick Beauclair, Carole Deleu and Erwan Le Deunff
eLocation ID: e22902

Increased sensitivity to salt stress in tocopherol-deficient *Arabidopsis* mutants growing in a hydroponic system
Hásha Ellouzi, Karim Ben Hamed, Jana Cela, Maren Müller, Chedly Abdelly and Sergi Munné-Bosch
eLocation ID: e22913

Identification of miRNA encoded by *Jatropha curcas* from EST and GSS
Nutan Prakash Vishwakarma and Vasant J. Jadeja
eLocation ID: e23152
ARTICLE ADDENDA

Possible function of VIPP1 in thylakoids: Protection but not formation?
Lingang Zhang and Wataru Sakamoto
eLocation ID: e22860

CDC48 function during TMV infection: Regulation of virus movement and replication by degradation?
Annette Niehl, Khalid Amari and Manfred Heinlein
eLocation ID: e22865

AUCSIA: An ancestral green plant miniprotein and the emergence of auxin transport
Tiziana Pandolfini, Barbara Molesini and Angelo Spena
eLocation ID: e22928

Direct activation of EXPANSIN14 by LBD18 in the gene regulatory network of lateral root formation in Arabidopsis
Jungmook Kim and Han Woo Lee
eLocation ID: e22979

The function of ABCB transporters in auxin transport
Misuk Cho and Hyung-Taeg Cho
eLocation ID: e22990

Constitutively active MPK4 helps to clarify its role in plant immunity
Jean Colcombet, Souha Berriri and Heribert Hirt
eLocation ID: e22991

Cross-talk between nitric oxide and Ca2+ in elevated CO2-induced lateral root formation
Huan Wang, Yaofang Niu, Rushan Chai and Yongsong Zhang
eLocation ID: e23106

Methyllobacteria isolated from bryophytes and the 2-fold description of the same microbial species
Stefan Schauer and Ulrich Kutschera
eLocation ID: e23091

C-terminal phosphorylation is essential for regulation of ethylene synthesizing ACC synthase enzyme
Swarup Roy Choudhury, Sujit Roy and Dibyendu N. Sengupta
eLocation ID: e23000

New insights in the topology of the biosynthesis of 5-aminolevulinic acid
Olaf Czarnecki and Bernhard Grimm
eLocation ID: e23124

Converting low dose radiation to redox signaling
Jelena Bogdanović Pristov, Mihajlo Spasić and Ivan Spasojević
eLocation ID: e23151

ERRATUM

Erratum to: Behnam K, Shäfer P. Ethylene in mutualistic symbioses. Plant Signaling & Behavior 2012; 7:1634–38.
Behnam Khatabi and Patrick Schäfer
eLocation ID: e23913
