

Minireviews

- Post-Translational Regulation of miRNA Pathway Components, AGO1 and HYL1, in Plants
Seok Keun Cho, Moon Young Ryu, Pratik Shah, Christian Peter Poulsen, and Seong Wook Yang 581
- PIF4 Integrates Multiple Environmental and Hormonal Signals for Plant Growth Regulation in *Arabidopsis*
Hyunmo Choi, and Eunkyoo Oh 587

Research Articles

- Enhancement of the Chaperone Activity of Alkyl Hydroperoxide Reductase C from *Pseudomonas aeruginosa* PAO1 Resulting from a Point-Specific Mutation Confers Heat Tolerance in *Escherichia coli*
Jae Taek Lee, Seung Sik Lee, Suvendu Mondal, Bhumi Nath Tripathi, Siu Kim, Keun Woo Lee, Sung Hyun Hong, Hyoung-Woo Bai, Jae-Young Cho, and Byung Yeoup Chung..... 594
- Impaired Memory in OT-II Transgenic Mice Is Associated with Decreased Adult Hippocampal Neurogenesis Possibly Induced by Alteration in Th2 Cytokine Levels
Seong Gak Jeon, Kyoung Ah Kim, Hyunju Chung, Junghyun Choi, Eun Ji Song, Seung-Yun Han, Myung Sook Oh, Jong Hwan Park, Jin-il Kim, and Minho Moon..... 603
- MicroRNA-27a Inhibits Cell Migration and Invasion of Fibroblast-Like Synoviocytes by Targeting Follistatin-Like Protein 1 in Rheumatoid Arthritis
Dong-liang Shi, Gui-rong Shi, Jing Xie, Xu-zhao Du, and Hao Yang.....611
- MicroRNA-203 As a Stemness Inhibitor of Glioblastoma Stem Cells
Yifan Deng, Gang Zhu, Honghai Luo, and Shiguang Zhao..... 619
- Transforming Growth Factor- β -Induced RBOX3 Inhibition Promotes Epithelial-Mesenchymal Transition of Lung Cancer Cells
Yong-Eun Kim, Jong Ok Kim, Ki-Sun Park, Minho Won, Kyoonyoung Kim and Kee K. Kim..... 625
- Epigenetic and Glucocorticoid Receptor-Mediated Regulation of Glutathione Peroxidase 3 in Lung Cancer Cells
Byung Chull An, Nak-Kyun Jung, Chun Young Park, In-Jae Oh, Yoo-Duk Choi, Jae-Il Park, and Seung-won Lee..... 631
- Combined Detection of Serum IL-10, IL-17, and CXCL10 Predicts Acute Rejection Following Adult Liver Transplantation
Nayoung Kim, Young-In Yoon, Hyun Ju Yoo, Eunyoung Tak, Chul-Soo Ahn, Gi-Won Song, Sung-Gyu Lee, and Shin Hwang 639