

Minireview

Past, Present, and Future of Brain Organoid Technology*Bonsang Koo, Baekgyu Choi, Hoewon Park, and Ki-Jun Yoon* 617

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Knockdown of Pyruvate Kinase M Inhibits Cell Growth and Migration by Reducing NF- κ B Activity in Triple-Negative Breast Cancer Cells*Chaobing Ma, Xueyin Zu, Kangdong Liu, Ann M. Bode, Zigang Dong, Zhenzhen Liu, and Dong Joon Kim* 628**Pi5 and Pii Paired NLRs Are Functionally Exchangeable and Confer Similar Disease Resistance Specificity***Kieu Thi Xuan Vo, Sang-Kyu Lee, Morgan K. Halane, Min-Young Song, Trung Viet Hoang, Chi-Yeol Kim, Sook-Young Park, Junhyun Jeon, Sun Tae Kim, Kee Hoon Sohn, and Jong-Seong Jeon* 637**Arabidopsis Raf-Like Kinase Raf10 Is a Regulatory Component of Core ABA Signaling***Quy Thi Cam Nguyen, Sun-ji Lee, Seo-wha Choi, Yeon-ju Na, Mi-ran Song, Quyen Thi Ngoc Hoang, Seo Young Sim, Min-Sik Kim, Jeong-Il Kim, Moon-Soo Soh, and Soo Young Kim* 646**Small Molecule-Based Strategy Promotes Nucleus Pulposus Specific Differentiation of Adipose-Derived Mesenchymal Stem Cells***Jianming Hua, Ning Shen, Jingkai Wang, Yiqing Tao, Fangcai Li, Qixin Chen, and Xiaopeng Zhou* 661**Upregulation of Carbonyl Reductase 1 by Nrf2 as a Potential Therapeutic Intervention for Ischemia/Reperfusion Injury during Liver Transplantation***Jae Hyun Kwon, Jooyoung Lee, Jiye Kim, Varvara A. Kirchner, Yong Hwa Jo, Takeshi Miura, Nayoung Kim, Gi-Won Song, Shin Hwang, Sung-Gyu Lee, Young-In Yoon, and Eunyoung Tak* 672