



<EZSPHERE™ Publications>

1. Zhang RR, Takebe T, Miyazaki L, Takayama M, Koike H, Kimura M, Enomura M, Zheng YW, Sekine K, Taniguchi H
Efficient Hepatic Differentiation of Human Induced Pluripotent Stem Cells in a Three-Dimensional Microscale Culture
Stem Cells and Tissue Repair Methods in Molecular Biology Volume 1210, 2014, pp 131-141
2. Shimada H, Hashimoto Y, Nakada A, Shigeno K, Nakamura T,
Accelerated generation of human induced pluripotent stem cells with retroviral transduction and chemical inhibitors under physiological hypoxia
Biochemical and Biophysical Research Communications, Volume 417, Issue 2, Pages 659-664
3. Aikawa N, Suzuki Y, Takaba K
A Simple Protocol for the Myocardial Differentiation of Human IPS Cells
Biological and Pharmaceutical Bulletin Vol. 38 (2015) No. 7 Pages 1070-1075
4. Matsuura K, Seta H, Haraguchi Y, Alsayegh K, Sekine H, Shimizu T, Hagiwara N, Yamazaki K, Okano T
TRPV-1-mediated elimination of residual IPS cells in bioengineered cardiac cell sheet tissues
Scientific Reports 6, Article number: 21747 (2016) doi:10.1038/srep21747
5. Hiroki Sato, Alimjan Idris, Tatsuaki Miwa, Hiromichi Kumagai
Microfabric Vessels for Embryoid Body Formation and Rapid Differentiation of Pluripotent Stem Cells
Scientific Reports 6, Article number: 31063 (2016) doi:10.1038/srep31063
6. Taku Nakayama, Shimpei Otsuka, Tatsuya Kobayashi, Hodaka Okajima, Kentaro Matsumoto, Yuichiro Hagiya, Keiji Inoue Taro Shuin, Motowo Nakajima, Tohru Tanaka, Shun-ichiro Ogura
Dormant cancer cells accumulate high protoporphyrin IX levels and are sensitive to 5-aminolevulinic acid-based photodynamic therapy
Scientific Reports 6, Article number: 36478 (2016) doi:10.1038/srep36478
7. Ayako Aihara, Natsuki Abe, Koichiro Saruhashi, Tatsuro Kanaki, Taito Nishino
Novel 3-D cell culture system for *in vitro* evaluation of anticancer drugs under anchorage-independent conditions
Cancer Science Volume 107, Issue 12 December 2016 Pages 1858-1866 DOI: 10.1111/cas.13095
8. Waseem K. Raja, Alison E. Mungenast, Yuan-Ta Lin, Tak Ko, Fatema Abdurrob, Jinsoo Seo, Li-Huei Tsai
Self-Organizing 3D Human Neural Tissue Derived from Induced Pluripotent Stem Cells Recapitulate Alzheimer's Disease Phenotypes
PLOS ONE 11(9): e0161969. doi: 10.1371/journal.pone.0161969



9. Hiroyuki Koike, Ran-Ran Zhang, Yasuharu Ueno, Keisuke Sekine, Yun-Wen Zheng, Takanori Takebe, Hideki Taniguchi

Nutritional modulation of mouse and human liver bud growth through a branched-chain amino acid metabolism

Development 2017 144: 1018-1024; doi: 10.1242/dev.143032