

**Aberrant DNA methylation reprogramming during induced pluripotent stem cell generation is dependent on the choice of reprogramming factors**

Planello, A. C., Ji, J., Sharma, V., Singhania, R., Mbabaali, F., Müller, F., Alfaro, J. A., Bock, C., De Carvalho, D. D. & Batada, N. N., 7 Feb 2014, In : Cell Regeneration. 3, 1, 4.

Research output: Contribution to journal › Article › Scientific › peer-review

**Antioxidant supplementation reduces genomic aberrations in human induced pluripotent stem cells**

Ji, J., Sharma, V., Qi, S., Guarch, M. E., Zhao, P., Luo, Z., Fan, W., Wang, Y., Mbabaali, F., Neculai, D., Esteban, M. A., McPherson, J. D. & Batada, N. N., 14 Jan 2014, In : Stem Cell Reports. 2, 1, p. 44-51 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Autologous adipose stem cells in treatment of female stress urinary incontinence: Results of a pilot study**

Kuismanen, K., Sartoneva, R., Haimi, S., Mannerström, B., Tomás, E., Miettinen, S. & Nieminen, K., 2014, In : Stem Cells Translational Medicine. 3, 8, p. 936-941 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Bone morphogenetic protein-2 induces donor-dependent osteogenic and adipogenic differentiation in human adipose stem cells**

Vanhatupa, S., Ojansivu, M., Autio, R., Juntunen, M. & Miettinen, S., 1 Dec 2015, In : Stem Cells Translational Medicine. 4, 12, p. 1391-1402 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Calcium transients closely reflect prolonged action potentials in iPSC models of inherited cardiac arrhythmia**

Spencer, C. I., Baba, S., Nakamura, K., Hua, E. A., Sears, M. A. F., Fu, C. C., Zhang, J., Balijepalli, S., Tomoda, K., Hayashi, Y., Lizarraga, P., Wojciak, J., Scheinman, M. M., Aalto-Setälä, K., Makielski, J. C., January, C. T., Healy, K. E., Kamp, T. J., Yamanaka, S. & Conklin, B. R., 12 Aug 2014, In : Stem Cell Reports. 3, 2, p. 269-281 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Comparative analysis of targeted differentiation of human induced pluripotent stem cells (hiPSCs) and human embryonic stem cells reveals variability associated with incomplete transgene silencing in retrovirally derived hiPSCs lines**

Toivonen, S., Ojala, M., Hyysalo, A., Ilmarinen, T., Rajala, K., Pekkanen-Mattila, M., Äänismaa, R., Lundin, K., Palgi, J., Weltner, J., Trokovic, R., Silvennoinen, O., Skottman, H., Narkilahti, S., Aalto-Setälä, K. & Otonkoski, T., 2013, In : Stem Cells Translational Medicine. 2, 2, p. 83-93 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Different culture conditions modulate the immunological properties of adipose stem cells**

Patrikoski, M., Sivula, J., Huhtala, H., Helminen, M., Salo, F., Mannerström, B. & Miettinen, S., 2 Oct 2014, In : Stem Cells Translational Medicine. 3, 10, p. 1220-1230 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Elevated coding mutation rate during the reprogramming of human somatic cells into induced pluripotent stem cells**

Ji, J., Ng, S., Sharma, V., Neculai, D., Hussein, S., Sam, M., Trinh, Q., Church, G. M., McPherson, J. D., Nagy, A. & Batada, N. N., Mar 2012, In : Stem Cells. 30, 3, p. 435-440 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Ensuring Quality Standards and Reproducible Research for Data Analysis Services in Oncology: A Cooperative Service Model**

Emmert-Streib, F., Dehmer, M. & Yli-Harja, O., 17 Dec 2019, In : Frontiers in cell and developmental biology. 7, 349.

Research output: Contribution to journal › Article › Scientific › peer-review

**Functional Outcome of Human Adipose Stem Cell Injections in Rat Anal Sphincter Acute Injury Model**

Kuismanen, K., Juntunen, M., Narra Girish, N., Tuominen, H., Huhtala, H., Nieminen, K., Hyttinen, J. & Miettinen, S., 1 Mar 2018, In : Stem Cells Translational Medicine. 7, 3, p. 295-304 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Novel in vitro cardiovascular constructs composed of vascular-like networks and cardiomyocytes**

Vuorenperä, H., Ikonen, L., Kujala, K., Huttala, O., Sarkanen, J. R., Ylikomi, T., Aalto-Setälä, K. & Heinonen, T., 2014, In : IN VITRO CELLULAR AND DEVELOPMENTAL BIOLOGY: ANIMAL. 50, 4, p. 275-286 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Small-molecule induction promotes corneal epithelial cell differentiation from human induced pluripotent stem cells**

Mikhailova, A., Ilmarinen, T., Uusitalo, H. & Skottman, H., 11 Feb 2014, In : Stem Cell Reports. 2, 2, p. 219-231 13 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Sodium channels enable fast electrical signaling and regulate phagocytosis in the retinal pigment epithelium**

Johansson, J. K., Karema-Jokinen, V. I., Hakanen, S., Jylhä, A., Uusitalo, H., Vihinen-Ranta, M., Skottman, H., Ihalainen, T. O. & Nymark, S., 15 Aug 2019, In : BMC BIOLOGY. 17, 1, 63.

Research output: Contribution to journal › Article › Scientific › peer-review

**Named Entity Recognition and Relation Detection for Biomedical Information Extraction**

Perera, N., Dehmer, M. & Emmert-Streib, F., 28 Aug 2020, In : Frontiers in cell and developmental biology. 8, 26 p., 673.

Research output: Contribution to journal › Review Article › Scientific › peer-review