

**Aberrant DNA methylation reprogramming during induced pluripotent stem cell generation is dependent on the choice of reprogramming factors.** / Planello, Aline C.; Ji, Junfeng; Sharma, Vivek; Singhania, Rajat; Mbabaali, Faridah; Müller, Fabian; Alfaro, Javier A.; Bock, Christoph; De Carvalho, Daniel D.; Batada, Nizar N.

In: Cell Regeneration, Vol. 3, No. 1, 4, 07.02.2014.

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

**Antioxidant supplementation reduces genomic aberrations in human induced pluripotent stem cells.** / Ji, Junfeng; Sharma, Vivek; Qi, Suxia; Guarch, Meritxell Espino; Zhao, Ping; Luo, Zhiwei; Fan, Wenxia; Wang, Yu; Mbabaali, Faridah; Neculai, Dante; Esteban, Miguel Angel; McPherson, John D.; Batada, Nizar N.

In: Stem Cell Reports, Vol. 2, No. 1, 14.01.2014, p. 44-51.

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, Kirsi; Sartoneva, Reetta; Haimi, Suvi; Mannerström, Bettina; Tomás, Eija; Miettinen, Susanna; Nieminen, Kari.

In: Stem Cells Translational Medicine, Vol. 3, No. 8, 2014, p. 936-941.

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, Sari; Ojansivu, Miina; Autio, Reija; Juntunen, Miia; Miettinen, Susanna.

In: Stem Cells Translational Medicine, Vol. 4, No. 12, 01.12.2015, p. 1391-1402.

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. Ian; Baba, Shiro; Nakamura, Kenta; Hua, Ethan A.; Sears, Marie A F; Fu, Chi Cheng; Zhang, Jianhua; Balijepalli, Sadguna; Tomoda, Kiichiro; Hayashi, Yohei; Lizarraga, Paweena; Wojciak, Julianne; Scheinman, Melvin M.; Aalto-Setälä, Katriina; Makielski, Jonathan C.; January, Craig T.; Healy, Kevin E.; Kamp, Timothy J.; Yamanaka, Shinya; Conklin, Bruce R.

In: Stem Cell Reports, Vol. 3, No. 2, 12.08.2014, p. 269-281.

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, Sanna; Ojala, Marisa; Hyysalo, Anu; Ilmarinen, Tanja; Rajala, Kristiina; Pekkanen-Mattila, Mari; Äänismaa, Riikka; Lundin, Karolina; Palgi, Jaan; Weltner, Jere; Trokovic, Ras; Silvennoinen, Olli; Skottman, Heli; Narkilahti, Susanna; Aalto-Setälä, Katriina; Otonkoski, Timo.

In: Stem Cells Translational Medicine, Vol. 2, No. 2, 2013, p. 83-93.

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

**Different culture conditions modulate the immunological properties of adipose stem cells.** / Patrikoski, Mimmi; Sivula, Jyrki; Huhtala, Heini; Helminen, Mika; Salo, Fanny; Mannerström, Bettina; Miettinen, Susanna.

In: Stem Cells Translational Medicine, Vol. 3, No. 10, 02.10.2014, p. 1220-1230.

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, Junfeng; Ng, Siemon; Sharma, Vivek; Neculai, Dante; Hussein, Samer; Sam, Michelle; Trinh, Quang; Church, George M.; McPherson, John D.; Nagy, Andras; Batada, Nizar N.

In: Stem Cells, Vol. 30, No. 3, 03.2012, p. 435-440.

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, Frank; Dehmer, Matthias; Yli-Harja, Olli.

In: Frontiers in cell and developmental biology, Vol. 7, 349, 17.12.2019.

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, Kirsi; Juntunen, Miia; Narra Girish, Nathaniel; Tuominen, Heikki; Huhtala, Heini; Nieminen, Kari; Hyttinen, Jari; Miettinen, Susanna.

In: Stem Cells Translational Medicine, Vol. 7, No. 3, 01.03.2018, p. 295-304.

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

**Novel in vitro cardiovascular constructs composed of vascular-like networks and cardiomyocytes.** / Vuorenpää, Hanna; Ikonen, Liisa; Kujala, Kirsi; Huttala, Outi; Sarkanen, Jertta Riina; Ylikomi, Timo; Aalto-Setälä, Katriina; Heinonen, Tuula.  
In: IN VITRO CELLULAR AND DEVELOPMENTAL BIOLOGY: ANIMAL, Vol. 50, No. 4, 2014, p. 275-286.

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

**Small-molecule induction promotes corneal epithelial cell differentiation from human induced pluripotent stem cells.** / Mikhailova, Alexandra; Ilmarinen, Tanja; Uusitalo, Hannu; Skottman, Heli.  
In: Stem Cell Reports, Vol. 2, No. 2, 11.02.2014, p. 219-231.

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

**Sodium channels enable fast electrical signaling and regulate phagocytosis in the retinal pigment epithelium.** / Johansson, Julia K.; Karema-Jokinen, Viivi I.; Hakanen, Satu; Jylhä, Antti; Uusitalo, Hannu; Vihinen-Ranta, Maija; Skottman, Heli; Ihalainen, Teemu O.; Nymark, Soile.  
In: BMC BIOLOGY, Vol. 17, No. 1, 63, 15.08.2019.

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

**Named Entity Recognition and Relation Detection for Biomedical Information Extraction.** / Perera, Nadeesha; Dehmer, Matthias; Emmert-Streib, Frank.  
In: Frontiers in cell and developmental biology, Vol. 8, 673, 28.08.2020.

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