

Posters (Will be up during the whole conference, poster session Friday 19:30-20:30)

1. Simon Andersson, University of Helsinki, Mitochondrial segregation in intestinal stem cell divisions
2. Tom Barsby, University of Helsinki, Probing the Functional Immaturity of Human Pluripotent Stem Cell Derived Pancreatic Beta Cells
3. Hien Bui, University of Helsinki, Age-selective segregation of peroxisomes during stem cell division is mediated by the mitotic spindle
4. Ganga Dehar, Oulu University, Wnt signalling has a threshold for fibrosis or tubular cysts in chronic kidney disease (cdk) models
5. Nazli Eskici, University of Helsinki, Novel gene implicated in Kallmann syndrome: from genetics to disease-modeling
6. Sanna Hagman, Tampere University, Co-stimulation with IL-1 β and TNF- α induce inflammatory phenotype in human induced pluripotent stem cell -derived astrocytes with neuroprotective characteristics
7. Heidi Halonen, Tampere University, *Combined effects of the culture medium and culture surface on mechanical high frequency vibration responses of human adipose stem cells*
8. Laura Honkamäki, Tampere University, 3D layered nanofibre-hydrogel composite scaffold for in vitro neural applications
9. Ahsan Javed, University of Helsinki, Mechanosensitive ion channels and Ca²⁺ signaling in epidermal morphogenesis and homeostasis
10. Tiina Joki, Tampere University, Compartmentalized microfluidic co-culture device as a tool for studying neuro-cardio interactions
11. Eeva-Mari Jouhilahti, University of Helsinki, Pluripotent stem cells as a model to study human EGA-associated genes
12. Kristen Kurtzeborn, University of Helsinki, Cellular and molecular functions of the mitogen-activated protein kinase (MAPK) pathway during kidney growth and differentiation
13. Hossam Montaser, University of Helsinki, MANF knock-out hESC-derived beta cells show impaired function in humanized mice
14. Otto Mäkelä, University of Helsinki, At the root of hair follicle induction - In search of the primary inductive cue
16. Nalle Pentinmikko, University of Helsinki, Cellular shape reinforces niche to stem cell signaling in the small intestine
17. Chandra Prajapati, Tampere University, Study of junctophilin-2 mutation associated with HCM using hiPSC-CMs
18. Kristiina Pulli, University of Helsinki, Neuron-derived neurotrophic factor (NDNF) is mutated in patients with Kallmann syndrome
19. Karolina Punovuori, University of Helsinki, Stem cell identity, plasticity and heterogeneity in head and neck squamous cell carcinoma
20. Mervi Ristola, Tampere University, Guidance of hPSC-derived neurons in microfluidics device using light-responsive material
21. Taisia Rolova, University of Helsinki, The role of ABI3 in human induced pluripotent stem cell-derived microglia
22. Sanna Ryytty, University of Eastern Finland, The impact of fatty acids in a maturation of hiPSC derived cardiomyocytes with mitochondrial mutation
23. Jyoti Satta, University of Helsinki, Wnt/ β -catenin signaling in embryonic mammary gland branching morphogenesis
25. Karlo Skube, University of Helsinki, Actin dynamics and Exportin-6 regulate genome maintenance and integrity in stem cells
26. Christian Stadelmann, University of Helsinki, Improving Human Pluripotent Reprogramming by Targeted Activation of the miR-302/367 Cluster Using CRISPRa
27. Maria Taskinen, University of Turku, Integrin-mediated adhesions and cytoskeletal features of naïve human pluripotent stem cells
28. Seppo Vainio, Oulu University, Biobank as a resource for research
29. Meri Vattulainen, Tampere University, Modulation of Wnt/BMP pathways during corneal differentiation of hPSC enriches ABCG2-positive LSCs
30. Yafei Wang, University of Helsinki, Generating GHRH Neurons from Human Embryonic Stem Cells
31. Venkatram Yellapragada, University of Helsinki, Understanding the significance of FGF8/FGFR1 signaling in GnRH neuron ontogeny using human pluripotent stem cells