Dansk Selskab for Toksikologi & Farmakologi

WEB-SEMINAR ON HUMAN-INDUCED PLURIPOTENT STEM CELL-BASED MODELS IN TOXICOLOGY

Thursday 7th January at 14:30 at ZOOM

Registration: by e-mail or via the web-contact-formula on https://dstf.dk/kontakt/ no later than Monday 21. December 2020. The meeting is open for DSTF members and non-members

'Human-induced pluripotent stem cells' (hIPSC) are derived from adult skin or blood cells that have been reprogrammed to embryonic stem cells – an early stage of the fetus. Differentiation of these cells can lead to a variety of cells/organs that constitute promising human relevant models for toxicology and epidemiological research.

The webinar will give the latest news on such models.

14.30- 14.35: Professor Eva Cecilie Bonefeld-Jørgensen: *Welcome from the Danish Society for Toxicology and Pharmacology*

14:35-14:40: Professor Anne Marie Vinggaard, National Food Institute, Technical University of Denmark: *Welcome and introduction to the web-seminar*

14:40-14:50: Dr. Mikkel Aabech Rasmussen, Bioneer A/S: *An introduction to the use of hIPSC in toxicology and epidemiology*

14:50-15:25: Ph.D. student Karin Lauschke, National Food Institute, Technical University of Denmark: *Predicting developmental toxicity with human induced pluripotent stem cells*

15:25-15:55: Dr. Mikkel Aabech Rasmussen, Bioneer A/S: *Advanced hiPSC-derived hepatic and neuronal in vitro models in toxicology*

15.55-16.00: Professor Anne Marie Vinggaard, National Food Institute, Technical University of Denmark: *Sum-up on the webinar*

November 9, 2020