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eppendorf



13 June, 2024

Scientific programs

7.30 - 9.00

Registration Room Mandarin A

9.00 - 9.30

Opening ceremony

- Dr. Rangsun PARNPAI, *Suranaree University of Technology, Nakhon Ratchasima, Thailand*
- Dr. Suchinda MALAIWITNOND, *National Primate Research Center, Chulalongkorn University, Bangkok, Thailand*
- Dr. Pierre SAVATIER, *INSERM, Stem Cell and Brain Research Institute, Lyon, France*
- Mr. Xavier GROSMAÏTRE, *French Embassy in Thailand*
- Dr. Sompong KLAYNONGSRUANG, *Director of Program Management Unit for Human Resources & Institutional Development, Research and Innovation, Bangkok, Thailand*
- Dr. Neung TEAUMROONG, *Vice Rector Research and Technology Development, Suranaree University of Technology, Nakhon Ratchasima, Thailand*

9.30 - 10.15

Plenary lecture Chair: Dr. Pierre SAVATIER



Sustainable retinal cell therapy

Dr. Masayo TAKAHASHI, *Vision Care Inc. Kobe, Japan*

10.15 - 10.45

Coffee and Poster presentation

Organoid/disease modelling session Chair: Dr. Jeong Tae DO

10.45 - 11.20



Regulation of insulin secretion in hPSC-derived pancreatic islet-like organoids

Dr. Yong-Mahn HAN, *Graduate School of Medical Science & Engineering, KAIST, Daejeon, Korea*

11.20 - 11.55



Capturing the full potential of human pluripotent stem cell-derived islet organoids for diabetes research

Dr. Adrian Kee Keong TEO, *Stem Cells and Diabetes Laboratory, IMCB, A*STAR, Singapore*

11.55 - 13.00

Lunch

Organoid/disease modelling session Chair: Dr. Adrian Kee Keong TEO

13.00 - 13.35



Improving hematopoietic differentiation from human induced pluripotent stem cells by the modulation of hippo signaling with a diarylheptanoid derivative

Dr. Alisa TUBSUWAN, *Stem Cell Research Group, Institute of Molecular Biosciences, Mahidol University, Nakhon Pathom, Thailand*

13.35 - 14.10



In vitro modeling of neurovascular disease and drug verification: Application of vascular smooth muscle cells and blood vessel organoids differentiated from patient-derived pluripotent stem cells

Dr. Jeong Tae DO, *Department of Stem Cell and Regenerative Biotechnology, Konkuk University, Seoul, Korea*

14.10 - 14.45



Stem cell-fate engineering and expanded pluripotent state

Dr. Jonathan Yui-Han LOH, *Cell Fate Engineering and Therapeutics Laboratory, IMCB, A*STAR, Singapore*

14.45 - 15.15

Coffee and Poster presentation

Organoid/disease modelling session Chair: Dr. Yong-Mahn HAN

15.15 - 15.50



Induced pluripotent stem cells and their derived neurons as cell models for studies of the mitochondrial disease MERRF syndrome

Dr. Yau-Huei WEI, *Center for Mitochondrial Medicine and Free Radical Research, Changhua Christian Hospital, Changhua, Taiwan*

15.50 - 16.25



Generation of off-the-shelf iPSC-derived immune cells for disease modeling and therapeutic applications

Dr. Methichit WATTANAPANITCH, *Siriraj Center for Regenerative Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*