

Edinburgh–Tsukuba Symposium

“Stem cells and Regenerative Medicine”

Date: April 16, from 13:00pm to 18:30pm

Place: Innovation Building 8th floor



Pluripotent stem cells Chair: Dr. Satoru Takahashi	
Dr. Ian Chambers (University of Edinburgh)	13:00 - 13:30
Transcription factor control of pluripotent cell states	
Dr. Masatsugu Ema (Shiga Medical University)	13:30 - 14:00
Roles of Klf5-Fgf-phosphoERK signaling during pre-implantation mouse embryo.	
Dr. Yohei Hayashi (Riken BRC/University Tsukuba)	14:00 - 14:30
Structure-based development of reprogramming factor variants with enhanced properties.	
Coffee Break	14:30 - 14:50
Pluripotent stem cells Chair: Dr. Masatsugu Ema	
Dr. Ken Nishimura (University Tsukuba)	14:50 - 15:20
Klf4-dose dependent pluripotency induction during somatic cell reprogramming	
Dr. Tom Burdon (University of Edinburgh)	15:20 - 15:50
Pluripotent stem cell (tentative)	
Dr. Kuniya Abe (Riken BRC)	15:50 - 16:20
Generation of Germ cell (tentative)	
Coffee Break	16:20 - 16:40
Regenerative medicine Chair: Dr. Ian Chambers	
Dr. Lesley Forrester (University of Edinburgh)	16:40 - 17:10
Red blood cell generation form stem cells (tentative)	
Dr. Satoru Takahashi (University Tsukuba)	17:10 - 17:40
Large Maf function in pancreatic beta cell development and regeneration	
Dr. Masaki Ieda (University Tsukuba/Keio University)	17:40 - 18:10
Direct Cardiac Reprogramming and Regeneration	