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