

STEM CELLS UK

Tuesday 1st October 2019

The Francis Crick Institute

1 Midland Rd, Kings Cross, London, NW1 1AT

09.15 REGISTRATION / COFFEE

Chair: **Tony Green**

- 10.00 **Bertie Göttgens** (*Cambridge Stem Cell Institute, University of Cambridge*)
'Mapping Mesoderm Diversification at Single Cell Resolution'
- 10.20 **Abdenour Soufi** (*MRC Centre for Regenerative Medicine, University of Edinburgh*)
'Functional uncoupling of inducing and maintaining pluripotency'
- 10.40 **Shukry Habib** (*King's College London*)
'From Asymmetric Stem Cell Division To Tissue Engineering'

11.00 COFFEE

Chair: **Dominique Bonnet**

- 11.30 **Joo-Hyeon Lee** (*Cambridge Stem Cell Institute, University of Cambridge*)
'Reconstructing the stem cell niche in lung regeneration'
- 11.50 **Katrin Ottersbach** (*MRC Centre for Regenerative Medicine, University of Edinburgh*)
'Haematopoietic stem cell generation during development'
- 12.10 **Majlinda Lako** (*Newcastle University*)
'Making retinal organoids: a voyage of discovery'

12.30 LUNCH

Chair: **Stuart Forbes**

- 14.00 **Madeline Lancaster** (*MRC Laboratory of Molecular Biology, Cambridge*)
'Advances in brain organoid technologies and their applications to human biology'
- 14.20 **Cristina Lo Celso** (*Imperial College London*)
'Healthy and malignant haematopoiesis in the bone marrow: dynamic cells in an evolving environment'
- 14.40 **Paul Riley** (*Oxford University*)
'Conditioning the local environment for effective cell-based repair of the injured heart'

15.00 TEA

Chair: TBC

- 15.30 **Simona Parrinello** (*University College London*)
'Deciphering astrocyte dedifferentiation at the crossroads of injury and cancer'
- 15:50 **Donal O'Carroll** (*University of Edinburgh*)
'RNA modification and the immortal lineage'
- 16.10 Keynote Lecture:
Wolf Reik (*Babraham Institute*)
'Single cell epigenome landscape of development and ageing'

16:50 CLOSE & REFRESHMENTS