

STEM CELLS UK

Monday 23rd November 2020

All times are UK times

09:45 Meeting Opens on Zoom

10:00 Welcome – **Tony Green**, Cambridge Stem Cell Institute, University of Cambridge

10:05 **SESSION 1** **Chair: Paul Riley, University of Oxford**

10.05 **Ludovic Vallier**, Cambridge Stem Cell Institute, University of Cambridge
Function of cell cycle in stem cell differentiation

10.25 **Sally Lowell**, Centre for Regenerative Medicine, University of Edinburgh
Mistakes, mishapes, misfits: how do pluripotent cells avoid differentiation mistakes?

10.45 **Paola Scaffidi**, Francis Crick Institute
Epigenetic mechanisms of cancer cell self-renewal

11:05 **Morning Break**

11.30 **SESSION 2** **Chair: Stuart Forbes, University of Edinburgh**

11.30 **Valerie Kouskoff**, University of Manchester
Unravelling the heterogeneity of human haemogenic endothelium

11.50 **Steve Pollard**, Centre for Regenerative Medicine, University of Edinburgh
Immune evasion via epigenetic immunoediting in glioblastoma

12.10 **Elisa Laurenti**, Cambridge Stem Cell Institute, University of Cambridge
Haematopoietic stem and progenitor cell landscapes: location matters

12:30 **Lunch Break**

14:00 **SESSION 3** **Chair: Dominique Bonnet, Francis Crick Institute**

14.00 **Axel Behrens**, Francis Crick Institute
Mechanisms underlying tumour heterogeneity

14.20 **Peter Rugg-Gunn**, Babraham Insititute
Establishing the epigenome in human development and pluripotency

14.40 **Paola Bonfanti**, UCL
Reconstitution of a functional human thymus by progenitor cells and natural whole-organ scaffolds

15:00 **Afternoon Break**

15.40 **SESSION 4** **Chair: Tony Green, University of Cambridge**

15.40 **Molly Stevens**, Imperial College London
Bioengineering approaches to modulate cell interactions

16:00 **Claus Nerlov**, University of Oxford
The hierarchical organization of hematopoiesis

16.20 **Keynote Lecture: Peter Campbell**, Wellcome Sanger Insititute
Stem cells in humans inferred from somatic mutations

17:00 **CLOSE**