



4<sup>th</sup> London Stem Cell Network Annual Symposium  
The Francis Crick Institute – 19<sup>th</sup> October 2021

Morning Sessions:

- 09:00 am     **Registration opens**  
Tea, coffee and pastries
- 09:30 am     **Opening Remarks**  
Rob Hynds – LSCN Chair, University College London and The Francis Crick Institute
- 09:35 am     **Flagship Lecture: Dominique Bonnet – Francis Crick Institute**  
Dissecting the cross-talk between normal, leukaemia stem cells and the bone marrow microenvironment

Disease Modelling (Chair: Inês Sequeira, Queen Mary's University London)

- 10:10 am     **Bartomeu Colom – Sanger Institute**  
Mutant clones in normal epithelium outcompete and eliminate emerging tumors
- 10:25 am     **Maria Jassinskaja – Lund University and The University of York**  
A Complex Interplay of Intra- and Extracellular Factors Regulates the Outcome of Foetal- and Adult-Derived MLL-Rearranged Leukaemia
- 10:40 am     **James Briscoe – The Francis Crick Institute**  
Mapping Waddington's Landscape: Towards a Theory of Cell Fate Decisions
- 11:05 am     **Flash Poster Presentations**  
Laura Mincarelli (Earlham Institute) and Esther Palomino Lago (Royal Veterinary College)
- 11:15 am     **Coffee Break and Poster Viewing**

Translational Medicine (Chair: Sara Rankin, Imperial College London)

- 11:35 am     **Manju Kurian – UCL Great Ormond Street Institute of Child Health**  
Using iPSC to develop precision medicines for childhood movement disorders
- 12:00 pm     **Paula Jimenez Gomez - University of Cambridge**  
Persistent Hif1a-Sox9 activation poses barriers to epithelial cell plasticity during oesophageal-to-skin lineage conversion
- 12:15 pm     **Greta Skrupskelyte – University of Cambridge**  
Stromal contribution to pre-neoplastic lesion formation
- 12:30 pm     **Flash Poster Presentations**  
Peter Harley (King's College London) and Leong Yeh Chwan (University College London)
- 12:40 pm     **Lunch Break**
- 13:00 pm     **'Guess the Organoid' Quiz by STEMCELL Technologies**
- 13:20 pm     **Industry Careers Session sponsored by bit.bio, BioTechne, Jellagen, ProteinTech, Qkine**  
Speakers: Katia Nazmutdinova (Encelo); Davide Danovi (bit.bio); Andre da Costa (AstraZeneca)

## Afternoon Sessions:

### Pluripotency and Development (Chair: Gabor Foldes, Imperial College London)

- 14:00 pm **Dawei Sun – University of Cambridge**  
Leveraging CRISPRi screens in tissue-derived organoids to study human lung development
- 14:15 pm **Camille Lemey – STEMCELL Technologies**  
hPSC Research: The Right Tools for Each Project
- 14:30 pm **Teodora Manea – Kings College London**  
USP7 facilitates endocrine differentiation in the pancreas by stabilising NGN3
- 14:45 pm **Tiago Luis – Imperial College London**  
Role of the Haematopoietic Stem Cell Niche in Re-establishing Homeostasis Upon Stress
- 15:10 pm **Flash Poster Presentations**  
Tommy Mau (Imperial College London) and Ioakeim Ampartzidis (University College London)
- 15:20 pm **Coffee Break and Poster Viewing**

### Post-natal Stem Cells (Chair: William Grey and Rob Hynds)

- 15:50 pm **Rita Sousa-Nunes – Kings College London**  
Neural stem cells alter nucleocytoplasmic partitioning and accumulate nuclear polyadenylated transcripts during quiescence
- 16:15 pm **Roberta Ragazzini – The Francis Crick Institute**  
Identification and characterisation of epithelial stem cells in the human postnatal thymus
- 16:30 pm **Keynote Lecture: Hans Clevers (The Hubrecht Institute, The Netherlands)**  
Organoids to Model Human Diseases
- 17:15 pm **Closing Remarks & Awards: William Grey – LSCN Committee**
- Best Student/Post-doc Talk - LSCN-STEMCELL Technologies Conference Award (up to £1000 towards one major international conference)
  - Best Flash Poster Presentation - Ultimate Ears Wonderboom Bluetooth Speaker
  - Sponsors Prize Draw – Win a Nespresso Lattissima Touch Coffee Machine for you lab!
- 17:20 pm **Drinks reception** with live music from the Crick Orchestra

