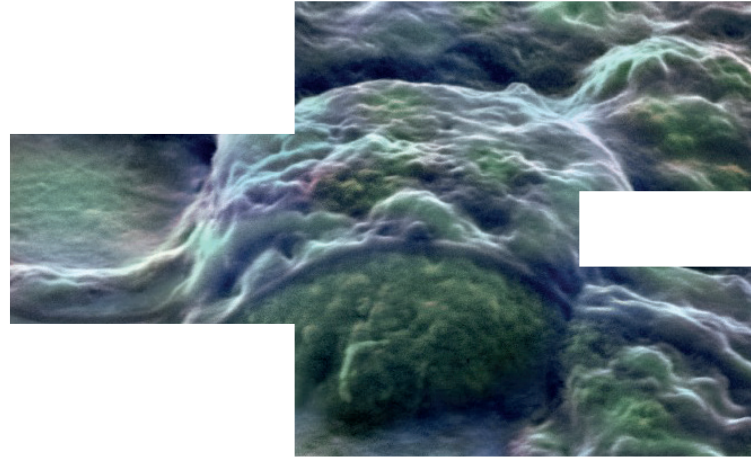


GENETIC ENGINEERING OF MAMMALIAN STEM CELLS



10 – 22 March 2019

Wellcome Genome Campus, UK

This laboratory-based training course will provide a comprehensive overview of the theory and practical laboratory skills required for the genetic manipulation of mammalian stem cells, focusing on human iPS cells.

PROGRAMME

- Informatics
- CRISPR Gene Targeting Vector Construction
- Stem Cell Culture/Genome Editing
- Genome-wide screens
- iPS Cell Generation
- Organoid Derivation and Differentiation

COURSE INSTRUCTORS

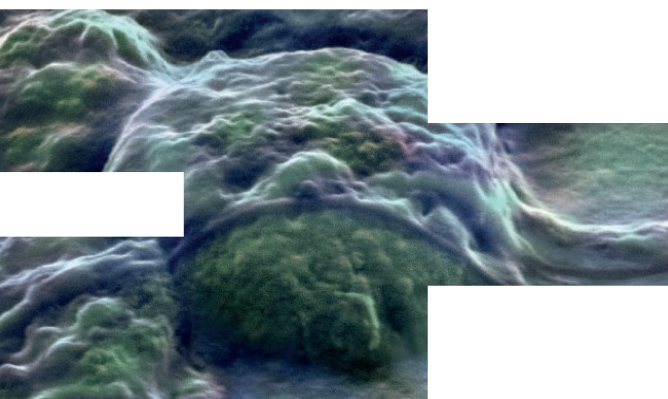
[Barry Rosen](#) AstraZeneca, UK
[Mark Thomas](#) Wellcome Sanger Institute, UK
[An-Sofie Lenaerts](#) Cambridge Biomedical Research Centre, UK
[Emma Rawlins](#) The Gurdon Institute, UK
[Andrew Bassett](#) Wellcome Sanger Institute, UK
[Madeline Lancaster](#) MRC Laboratory of Molecular Biology, UK
[Emmanouil Metzakopian](#) Wellcome Sanger Institute, UK
[Marcello Maresca](#) AstraZeneca, Sweden

GUEST SPEAKERS

[Christine Mummery](#) Leiden University Medical Center, The Netherlands
[Alexis Komor](#) University of California San Diego, USA
[Luke Gilbert](#) University of California San Francisco, USA
[Kevin Eggan](#) Harvard Stem Cell Institute, USA
[Ulrich Elling](#) Institute of Molecular Biotechnology, Austria

APPLICATION & BURSARY DEADLINE
22 November 2018

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