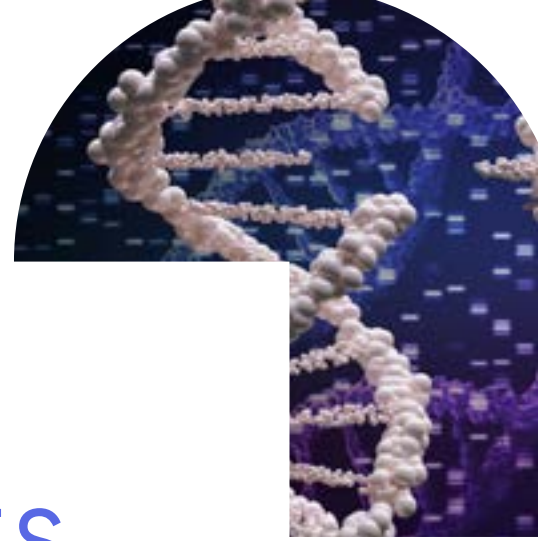


# CRISPR AND BEYOND: PERTURBATIONS AT SCALE TO UNDERSTAND GENOMES



02-04 September 2019

Wellcome Genome Campus, UK

The rapid advances of CRISPR/Cas-based technologies and DNA synthesis now make it possible to modulate genomes with relative ease. These tools can help us understand how genetic variation impacts phenotype and answer important long-standing questions in biology that also impact human health, laying the foundations for precision medicine for heritable diseases and cancer treatment. This conference will bring together biomedical researchers working on high throughput screening, genome engineering, and/or variant effect interpretation, to explore these advances.

## KEY TOPICS

- Understanding impact of coding variants
- Measuring consequences of non-coding variation
- Screens for gene function in cells
- Assaying gene function in organisms
- Gene and drug function in disease
- Interactions with genes, drugs, and environment
- New technology for readouts and perturbations

## COMMITTEE MEMBERS

[John Doench](#) - Broad Institute of MIT and Harvard, USA

[Jolanda van Leeuwen](#) - University of Lausanne, Lausanne, Switzerland

## CONFIRMED SPEAKERS

[Britt Adamson](#) - University of Princeton, USA

[Brenda Andrews](#) - University of Toronto, Canada

[Michael Boutros](#) - DKFZ Heidelberg, Germany

[Ulrich Elling](#) - IMBA, Austria

[Douglas Fowler](#) - University of Washington, USA

[Molly Gasperini](#) - University of Washington, USA

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[Luke Gilbert](#) - UCSF, USA

[Fritz Roth](#) - University of Toronto, Canada

[Jussi Taipale](#) - University of Cambridge, UK

[Sibylle Vonesch](#) - EMBL, Germany

[Yanli Wang](#) - Chinese Academy of Sciences, China

## DEADLINES:

Early Bird: 11 June

Bursaries: 25 June

Abstract: 09 July

Registration: 30 July

More info and register:

[bit.ly/CRISPR19](http://bit.ly/CRISPR19)

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