

Hybrid Conference Programme

Start (BST)	Finish (BST)	Presenter details
Wednesday 2 April 2025		
12:00	13:00	Registration, lunch and networking
12:45		<i>Briefing for Keynote, microphone runners, chair, moderator & committee - Auditorium</i>
13:00	13:10	Welcome
		<p>Wellcome Connecting Science: <i>Nagehan Ramazanoğlu Bahadır, Wellcome Connecting Science, UK</i></p> <p>Scientific Programme Committee: Britt Adamson, Princeton University, USA Stephen Jackson, University of Cambridge, UK Martin Kircher, Berlin Institute of Health, Germany Alexis Komor, University of California, San Diego, USA</p>
13:10	14:00	Keynote 1
		<p><i>Chair: Stephen Jackson, University of Cambridge, UK</i> <i>Moderator: TBC</i></p> <p>Haploid genetics to search for alternative pathways and missing regulators in cell biology Thijn Brummelkamp, Netherlands Cancer Institute, Netherlands</p>
14:00	14:45	Refreshment break and networking
14:30		<i>Briefing for Session 1 speakers, chair & moderator - Auditorium</i>
14:45	16:45	Session 1: Emerging technologies
		<p><i>Chair: Weixin Tang, University of Chicago, USA</i> <i>Moderator: TBC</i></p>
14:45	15:15	Title TBC Teresa Davoli, New York University, USA
15:15	15:45	How do we make the next PDB? Introducing Align's Data Platform Erika Alden-DeBenedictis, Francis Crick Institute, UK
15:45	16:00	Selected from abstracts <i>Short talk speaker</i>
16:00	16:15	Selected from abstracts <i>Short talk speaker</i>
16:15	16:30	Selected from abstracts <i>Short talk speaker</i>
16:30	16:45	Selected from abstracts <i>Short talk speaker</i>
16:45	17:00	Comfort break
17:00	17:40	Poster pitch talks for odd number posters
17:40	18:40	Poster session 1 - odd number posters and Networking
18:40		Dinner
18:40		Bar open (card payments only)

Thursday 3 April 2025

09:15 Briefing for Session 2 speakers, chair & moderator - Auditorium

09:30 11:00 Session 2: Clinical implications and new delivery systems

Chair: *Stephen Jackson, University of Cambridge, UK*
Moderator: *TBC*

09:30 10:00 Charting the DNA damage response with CRISPR screens
[Daniel Durocher, Lunenfeld-Tanenbaum Research Institute, Canada](#)

10:00 10:30 Therapeutic crispr and base edited cells
[Waseem Qasim, Imperial College London, UK](#)

10:30 10:45 Selected from abstracts
Short talk speaker

10:45 11:00 Selected from abstracts
Short talk speaker

11:00 11:45 Refreshment break and networking

11:30 Briefing for Session 3 speakers, chair & moderator - Auditorium

11:45 13:15 Session 3: Precision editing

Chair: *Alexis Komor, University of California, San Diego, USA*
Moderator: *TBC*

11:45 12:15 Reprogramming deaminase specificity for bystander-free base editing
[Weixin Tang, University of Chicago, USA](#)

12:15 12:45 Precise ABE with 1-nt resolution & generative AI - assisted PE platform
[Sangsu Bae, Seoul National University, South Korea](#)

12:45 13:00 Selected from abstracts
Short talk speaker

13:00 13:15 Selected from abstracts
Short talk speaker

13:15 14:30 Lunch and networking

14:15 Briefing for Session 4 speakers, chair & moderator - Auditorium

14:30 16:15 Session 4: Computational data integration and modeling

Chair: *Martin Kircher, Berlin Institute of Health, Germany*
Moderator: *TBC*

14:30 15:00 Dissecting enhancer landscapes with targeted single-cell perturbations
[Uwe Ohler, Max-Delbrück-Center, Germany](#)

15:00 15:30 Title TBC
[Gerald Schwank, University of Zurich, Switzerland](#)

15:30 15:45 Selected from abstracts
Short talk speaker

15:45 16:00 Selected from abstracts
Short talk speaker

16:00 16:15 Selected from abstracts
Short talk speaker

16:15 17:00 Refreshment break and networking

17:00 17:40 Poster pitch talks for even number posters

17:40 17:55 Sponsored talk

17:55 18:55 Poster session 2 - even number posters and Networking

18:55 Dinner

18:55 Bar open (card payments only)

Friday 4 April 2025

09:15 09:30 Briefing for Session 5 speakers, chair & moderator - Auditorium

09:30 11:00 Session 5: CRISPR screens

Chair: TBC

Moderator: TBC

09:30 10:00 Bringing high-throughput functional genomics throughout the organism
[Kristin Knouse, Massachusetts Institute of Technology, USA](#)

10:00 10:30 Learning regulatory logic from transcription factor perturbations
[Silvia Domcke, University of Zurich, Switzerland](#)

10:30 10:45 Selected from abstracts
Short talk speaker

10:45 11:00 Short talk selected from abstracts
Short talk speaker

11:00 11:30 Refreshment break and networking

11:15 Briefing for Session 6 speakers, chair & moderator - Auditorium

11:30 Session 6: Genomic perturbations and variant effects

Chair: Britt Adamson, Princeton University, USA

Moderator: TBC

11:30 12:00 A stem cell approach to human genetics – from CRISPR screens to genes, enhancers and diabetes risk variants
[Danwei Huangfu, Memorial Sloan Kettering Cancer Center, USA](#)

12:00 12:30 Randomizing the human genome
[Leopold Parts, Wellcome Sanger Institute, UK](#)

12:30 12:45 Selected from abstracts
Short talk speaker

12:45 13:00 Short talk selected from abstracts
Short talk speaker

13:00 13:10 Closing remarks and prize presentation

Scientific Programme Committee:

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

[Stephen Jackson, University of Cambridge, UK](#)

[Martin Kircher, Berlin Institute of Health, Germany](#)

[Alexis Komor, University of California, San Diego, USA](#)

13:10 13:45 Lunch and departures

13:45 Coach departures for Stansted and Heathrow airports

13:55 Coach departures for Cambridge train station and city centre