

Hybrid Conference Programme

Start (BST)	Finish (BST)	Presenter details
Monday 23 June 2025		
10:00	11:00	Registration, lunch and networking
10:45		Briefing for Advisory Board, Session 1 speakers, microphone runners, chair, moderator - Auditorium
11:00	11:10	Welcome Wellcome Connecting Science: Jane Murphy, Wellcome Connecting Science, UK Nagehan Ramazanoglu Bahadir, Wellcome Connecting Science, UK Advisory Board Žiga Avsec, Google DeepMind, UK Noelia Ferruz, Centre for Genomic Regulation, Spain Patrick Hsu, University of California, Berkeley, USA Ben Lehner, Wellcome Sanger Institute, UK Mo Lotfollahi, Wellcome Sanger Institute, UK Debora Marks, Harvard University, USA Tingying Peng, Helmholtz Munich, Germany Jussi Taipale, Karolinska Institutet, Sweden University of Helsinki, Finland Wellcome Sanger Institute, UK Caroline Uhler, Massachusetts Institute of Technology (MIT), USA
11:10	12:40	Session 1: Modelling, designing and engineering DNA and RNA I
11:10	11:40	Leveraging AI to reveal and leverage the mRNA code Hani Goodarzi, Arc Institute, USA
11:40	12:10	Title Gökçen Eraslan, Genentech, USA
12:10	12:25	Short talk selected from abstracts Short talk speaker
12:25	12:40	Short talk selected from abstracts Short talk speaker
12:40	14:00	Lunch and networking
13:45		Briefing for Session 2 speakers, chair & moderator - Auditorium
14:00	15:15	Session 2: Modelling, designing and engineering DNA and RNA II
14:00	14:30	Interpreting and designing regulatory DNA with deep learning Peter Koo, Cold Spring Harbor Laboratory, USA
14:30	14:45	Short talk selected from abstracts Short talk speaker
14:45	15:00	Short talk selected from abstracts Short talk speaker
15:00	15:15	Short talk selected from abstracts Short talk speaker
15:15	16:00	Refreshment break and networking
15:45		Briefing for Session 3 speakers, chair & moderator - Auditorium

16:00	17:45	Session 3: Designing Precision Molecules and Therapeutics
16:00	16:30	Title Eric Xing, Mohamed bin Zayed University of Artificial Intelligence Carnegie Mellon University GenBio AI , UAE
16:30	17:00	Title Michael Bronstein, University of Oxford, UK Vienna Biocenter, Austria
17:00	17:30	Title Charlotte Deane, University of Oxford, UK
17:30	17:45	Title Short talk selected from abstract
17:45	18:30	Poster pitch talks for odd number posters
18:30	19:45	Poster session 1 - odd number posters
19:45		Dinner
19:45		Bar open (card payments only)

Tuesday 24 June 2025

09:00		Briefing for Session 4 speakers, chair & moderator - Auditorium
09:15	10:45	Session 4: Modelling, designing and engineering proteins I
09:15	09:45	Leveraging Evolutionary-Scale Enzymology to Map and Predict Catalytic Landscapes Margaux Pinney, University of California, San Francisco (UCSF), USA
09:45	10:15	Scaling Foundation Models for Protein Generation Ali Madani, Profluent, USA
10:15	10:30	Title Short talk selected from abstract
10:30	10:45	Title Short talk selected from abstract
10:45	11:30	Refreshment break and networking
11:15		Briefing for Session 5 speakers, chair & moderator - Auditorium
11:30	12:45	Session 5: Modelling, designing and engineering proteins II
11:30	12:00	Title Polly Fordyce, Stanford University, USA
12:00	12:15	Title Short talk selected from abstract
12:15	12:30	Title Short talk selected from abstract
12:30	12:45	Title Short talk selected from abstract
12:45	14:00	Lunch and networking
13:45		Briefing for Panel and Session 6 speakers, chair & moderator - Auditorium
14:00	14:50	Panel discussion on Ethics
14:50	15:00	Comfort break
15:00	16:30	Session 6: Modelling, designing and engineering cells
15:00	15:30	Title Jason Chin, Medical Research Council Laboratory of Molecular Biology (MRC-LMB), UK
15:30	16:00	Title Craig Venter, J. Craig Venter Institute, USA
16:00	16:15	Title Short talk selected from abstract
16:15	16:30	Title Short talk selected from abstract
16:30	17:15	Refreshment break and networking
17:15	18:00	Poster pitch talks for even number posters
18:00	19:15	Poster session 2 - even number posters
19:15		Dinner
19:15		Bar open (card payments only)

Wednesday 25 June 2025

09:00 Briefing for Session 7 speakers, chair & moderator - Auditorium

09:15 10:45 Session 7: Imaging and Pathology- Clinical Foundation Models

09:15 09:45 Title
[Faisal Mahmood, Harvard University, USA](#)

09:45 10:15 Title
[Mihaela Van der Schaar, University of Cambridge, UK](#)

10:15 10:30 Title
Short talk selected from abstract

10:30 10:45 Title
Short talk selected from abstract

10:45 11:20 Refreshment break and networking

11:05 Briefing for session 8 speakers, chair, moderator & committee - Auditorium

11:20 13:05 Session 8: Spatial omics and multi-omics I

11:20 11:50 Generative AI for Unlocking the Complexity of Cells
[Maria Brbic, École Polytechnique Fédérale de Lausanne \(EPFL\), Switzerland](#)

11:50 12:20 AI Agents and Multimodal Modules for learning rules and dynamics of biological systems
[Smita Krishnaswamy, Yale University, USA](#)

12:20 12:35 Title
Short talk selected from abstract

12:35 12:50 Title
Short talk selected from abstract

12:50 13:05 Title
Short talk selected from abstract

13:05 14:20 Lunch and networking

14:05 Briefing for Session 9 speakers, chair & moderator - Auditorium

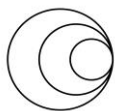
14:20 16:05 Session 9: Spatial omics and multi-omics II

14:20 14:50 Virtual Cells and Digital Twins: AI in Personalized Oncology
[Charlotte Bunne, École Polytechnique Fédérale de Lausanne \(EPFL\), Switzerland](#)

14:50 15:05 Title
Short talk selected from abstract

15:05 15:35 Title
[Marianna Rapsomaniki, University of Lausanne, Switzerland](#)

15:35 16:05 Title
[Oliver Stegle, German Cancer Research Center \(DKFZ\), Germany](#)



16:05	16:15	Closing remarks and prize presentation
		Advisory Board Žiga Avsec, Google DeepMind, UK Noelia Ferruz, Centre for Genomic Regulation, Spain Patrick Hsu, University of California, Berkeley, USA Ben Lehner, Wellcome Sanger Institute, UK Mo Lotfollahi, Wellcome Sanger Institute, UK Debora Marks, Harvard University, USA Tingying Peng, Helmholtz Munich, Germany Jussi Taipale, Karolinska Institutet, Sweden University of Helsinki, Finland Wellcome Sanger Institute, UK Caroline Uhler, Massachusetts Institute of Technology (MIT), USA
16:15	16:45	Refreshments and departures
16:45		Coach departures for Stansted and Heathrow airports
17:00		Coach departures for Cambridge train station and city centre