

Hybrid Conference Programme

Start (GMT)	Finish (GMT)	Presenter details
Wednesday 12 March 2025		
12:00	12:50	Registration, lunch and networking
12:35	12:50	Briefing for Keynote & Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium
12:50	13:00	Welcome
		<p>Scientific Programme Committee: Jordana Bell, Kings College London, UK Bas Heijmans, Leiden University Medical Center, Netherlands Claudia Kleinman, McGill University, Canada Charlotte Ling, Lund University Diabetes Center, Sweden</p>
13:00	14:00	Keynote 1
		<p>Life with two X chromosomes: X inactivation and its implications for development and disease Alexander Meissner, Max Planck Institute for Molecular Genetics, Germany</p>
14:00	14:05	Comfort break
14:05	15:35	Session 1: Epigenetics from development to disease
14:05	14:35	Histone H3K36 methylation in neurodevelopmental disorders Carol Chen, University of British Columbia, Canada
14:35	15:05	Assisted Reproductive Technologies: Epigenetic impacts and metabolic outcomes in a mouse model Marisa Bartolomei, University of Pennsylvania, USA
15:05	15:20	Selected from abstracts
15:20	15:35	Selected from abstracts
15:35	16:20	Refreshment break and networking
16:05	16:20	Briefing for Session 2 speakers, microphone runners, chair & moderator - Auditorium
16:20	18:05	Session 2: Epigenomic mechanisms in ageing
16:20	16:50	Single cell multi-omics landscape of development and ageing Wolf Reik, Altos Labs, UK
16:50	17:20	Quantification of biological aging Daniel Belsky, Columbia University, USA
17:20	17:35	Selected from abstracts
17:35	17:50	Selected from abstracts
17:50	18:05	Poster pitch talks for odd number posters
18:05	19:15	Poster session 1 - odd number posters
19:15	21:00	Dinner
		Bar open (card payments only)

Thursday 13 March 2025

09:15 09:30 Briefing for Session 3 speakers, microphone runners, chair & moderator - Auditorium

09:30 11:00 Session 3: Epigenetics, genetics and environment

09:30 10:00 Functional mechanisms of disease: insights from natural and engineer perturbations of genome function
Tuuli Lappalainen, New York Genome Center, USA | Scilifelab, Sweden

10:00 10:30 Genetic, environmental, and aging effects on DNA methylation in diverse human tissue types
Brandon Pierce, University of Chicago, USA

10:30 10:45 Selected from abstracts

10:45 11:00 Selected from abstracts

11:00 11:45 Refreshment break and networking

11:30 11:45 Briefing for Session 4 speakers, microphone runners, chair & moderator - Auditorium

11:45 13:15 Session 4: Epigenetics and common disease: establishing causality

11:45 12:15 Programming gene expression by targeted epigenetic editing
Angelo Lombardo, IRCCS Ospedale San Raffaele, Italy

12:15 12:45 Natural and artificial regulation of the human epigenome and cell identities
Ryan Lister, Harry Perkins Institute of Medical Research, Australia

12:45 13:00 Selected from abstracts

13:00 13:15 Selected from abstracts

13:15 14:30 Lunch and networking

14:15 14:30 Briefing for Session 5 speakers, microphone runners, chair & moderator - Auditorium

14:30 16:00 Session 5: New frontiers in epigenomic technologies

14:30 15:00 Monitoring histone modifications and full-length transcriptomes in the same single cell
Alexander van Oudenaarden, Hubrecht Institute, Netherlands

15:00 15:30 Single-molecule and single-cell epigenetics: Decoding the epigenome for cancer research and diagnosis
Efrat Shema, Weizmann Institute of Science, Israel

15:30 15:45 Selected from abstracts

15:45 16:00 Selected from abstracts

16:00 16:30 Refreshment break

16:30 17:30 Keynote

Spatially resolved single-cell genomics and cell atlas of the brain
Xiaowei Zhuang, Harvard University, USA

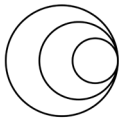
17:30 18:00 Poster pitch talks for even number posters

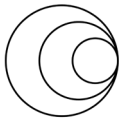
18:00 18:30 Sponsors session

18:30 19:30 Poster session 2 - even number posters

19:30 21:00 Dinner

Bar open (card payments only)





Friday 14 March 2025

09:15 09:30 Briefing for Session 6 speakers, microphone runners, chair & moderator - Auditorium

09:30 11:00 Session 6: Epigenetic epidemiology

09:30 10:00 DNA methylation and mitochondrial biogenesis in obesity
Miina Ollikainen, University of Helsinki, Finland

10:00 10:30 Epigenetics in DOHaD: growing up
Janine Felix, Erasmus MC, Netherlands

10:30 10:45 Selected from abstracts

10:45 11:00 Selected from abstracts

11:00 11:45 Refreshment break and networking

11:30 11:45 Briefing for Keynote, microphone runners, chair, moderator & committee - Auditorium

11:45 12:45 Keynote lecture

Epigenomic pathways to brain disease
Jonathan Mil, University of Exeter, UK

12:45 13:00 Closing remarks and prize presentation

Scientific Programme Committee:
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13:00 13:50 Lunch and departures

13:50 Coach departures for Stansted and Heathrow airports

14:00 Coach departures for Cambridge train station and city centre