Hybrid Conference Programme

Start (GMT)	Finish (GMT)	Presenter details	Location
Wednesday 4 November 2026			
12:00	**13:00**	**Registration, lunch and networking**	**Event space**
12:45	*13:00*	*Briefing for Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium*	Auditorium
13:00	**13:10**	**Welcome and introductions**	**Auditorium**
		Wellcome Sanger Institute: *Andy Mains, Wellcome Sanger Institute, UK* ***Scientific programme committee:*** *Jordana Bell, King's College London, UK* *Christoph Bock, CeMM Research Center for Molecular Medicine, Austria* *Claudia Kleinman, McGill University, Canada* *Charlotte Ling, Lund University, Sweden*	
13:10	**14:00**	**Keynote 1**	**Auditorium**
		Chair: Charlotte Ling, Lund University, Sweden *Moderator: Jordana Bell, King's College London, UK*	
13:10	14:00	DNA methylation: the beauty and the beast in population studies *Bas Heijmans, Leiden University, The Netherlands*	
14:00	14:05	Comfort break (no refreshments)	Event space
14:05	**15:35**	**Session 1: Epigenetics, development and disease**	**Auditorium**
		Chair: Claudia Kleinman, McGill University, Canada *Moderator: Jordana Bell, King's College London, UK*	
14:05	14:35	Synthetic Ex Utero Embryogenesis: from Naive Pluripotent Cells to bona fide Embryo Models **- virtual** *Jacob Hanna, Weizmann Institute of Science, Israel*	
14:35	15:05	The cooperative, context-dependent rules of TF binding in human development *Selin Jessa, Lunenfeld-Tanenbaum Research Institute, Canada*	
15:05	15:20	Placental epigenetic dysregulation predicts early child developmental outcomes *Lucas Casten, Max Planck Institute Of Psychiatry, Germany*	
15:20	15:35	DNA methylation captures shared and protein-specific variation in the inflammatory proteome across development *Winni Schalkwijk, University Medical Center Utrecht, Netherlands*	
15:35	16:15	Refreshment break and networking	Event space
16:00	*16:15*	*Briefing for session 2 speakers, chair & moderator - Auditorium*	Auditorium
16:15	**17:45**	**Session 2: Epigenetic mechanisms in ageing and age-related diseases**	**Auditorium**
		Chair: Charlotte Ling, Lund University, Sweden *Moderator: Jordana Bell, King's College London, UK*	
16:15	16:45	Decoding Cell-Free DNA: Integrating Epigenetic and Fragmentomic Signatures for Liquid Biopsy Biomarkers of Neurodegenerative Disease *Emma Dempster, University of Exeter, UK*	
16:45	17:00	AgeMap: Harmonising multi-tissue epigenomic data to study cell type-aware, tissue-specific ageing *Peter Brederlow, University of Cambridge; King's College London, UK*	
17:00	17:15	Shared and clock-specific genetic architecture across three generations of epigenetic clocks *Siyi Wang, University Of Exeter, UK*	
17:15	17:30	Cell-to-cell variability and gain of methylation at polycomb CpG islands as a hallmark of aging *Tommy Kaplan, Queen Mary University of London, UK*	
17:30	**17:50**	**Poster pitch talks for odd number posters**	**Auditorium**
		Chair: Charlotte Ling, Lund University, Sweden	
17:50	**19:20**	**Poster session 1 - odd number posters**	**Event space**
19:20	21:00	Dinner	Hinxton Hall Restaurant
19:20		Bar open (card payments only)	Graham Cameron Bar

Thursday 5 November 2026

09:15	*09:30*	*Briefing for Session 3 speakers, chair & moderator - Auditorium*	Auditorium
09:30	**11:00**	**Session 3: Epigenetic cell plasticity and cancer**	**Auditorium**
		Chair: Claudia Kleinman, McGill University, Canada *Moderator: Charlotte Ling, Lund University, Sweden*	
09:30	10:00	Epigenetic lineage tracing in human normal tissues and cancer *Trevor Graham, The Institute of Cancer Research, UK*	
10:00	10:30	Targeting RNA modifications in disease *Michaela Frye, DKFZ, Germany*	
10:30	10:45	Promoter–enhancer rewiring during terminal adipogenesis links epigenomic regulation to metabolic disease risk *Ionel Sandovici, University of Cambridge, UK*	
10:45	11:00	Effects of rituximab versus cladribine on the pace of biological aging in people with multiple sclerosis *Eirik Sandvik Gulbrandsen, Oslo University University, Norway*	
11:00	11:45	Refreshment break and networking	Event space
11:30	*11:45*	*Briefing for session 4 speakers, chair & moderator - Auditorium*	Auditorium
11:45	**13:00**	**Session 4: Genetics, epigenetics and environment**	**Auditorium**
		Chair: Jordana Bell, King's College London, UK *Moderator: Charlotte Ling, Lund University, Sweden*	
11:45	12:15	Lessons from single cell epigenome in cardiometabolic disease and accelerated aging risk assessment *Päivi Pajukanta, UCLA, USA*	
12:15	12:30	Nature vs nurture? Dissecting the contribution of genetics, environment, and their interaction to DNA methylation variability across the first 5 years of life *Erick Navarro-Delgado, The University Of British Columbia, Canada*	
12:30	12:45	Identifying genetic impacts on DNA methylation variability to uncover gene-environment and gene-gene interactions in GoDMC *Xiaopu Zhang, King's College London, UK*	
12:45	13:00	Cis and trans genetic control of DNA methylation in cord blood highlights neurodevelopmental and immune regulatory processes *Emilie Willoch Olstad, University of Oslo, Norway*	
13:00	14:15	Lunch and networking	Event Space
14:00	*14:15*	*Briefing for Session 5 speakers, chair & moderator - Auditorium*	Auditorium
14:15	**15:45**	**Session 5: Epigenetics and common disease: establishing causality**	**Auditorium**
		Chair: Charlotte Ling, Lund University, Sweden *Moderator: Claudia Kleinman, McGill University, Canada*	
14:15	14:45	Translational Epigenetics of Brain Vulnerability and Longitudinal Monitoring *Maja Jagodic, Karolinska Institute, Sweden*	
14:45	15:00	Epigenetic Signatures Classifying Brain Insulin Resistance in Humans *Meriem Ouni, German Institute of Human Nutrition Potsdam-Rehbrücke, Germany*	
15:00	15:15	Towards Equitable Population Epigenomics: Implications for DNA Methylation Research and Global Health *Josine Min, University Of Bristol, UK*	
15:15	16:00	Refreshment break and networking	Event space

15:45	*16:00*	*Briefing for Keynote speaker, chair & moderator - Auditorium*	Auditorium
16:00	**16:50**	**Keynote 2** *Chair: Jordana Bell, King's College London, UK* *Moderator: Claudia Kleinman, McGill University, Canada* Decoding the tissue ecosystems of the human body *Muzlifah Haniffa, Wellcome Sanger Institute, UK*	**Auditorium**
16:50	**17:10**	**Poster pitch talks for even number posters** *Chair: Jordana Bell, King's College London, UK*	**Auditorium**
17:10	**17:25**	**Sponsored talk - Illumina** Leading the epigenetics future: Illumina's expanding DNA methylation portfolio *Nicole Renke, Illumina, UK*	**Auditorium**
17:25	**18:55**	**Poster session 2 - even number posters**	**Event space**
18:55	20:30	Dinner	Hinxton Hall Restaurant
18:55		Bar open (card payments only)	Graham Cameron Bar

Friday 6 November 2026

09:15	*09:30*	*Briefing for Session 6 speakers, chair & moderator - Auditorium*	Auditorium
09:30	**11:00**	**Session 6: New frontiers in epigenomic technologies**	**Auditorium**
		Chair: Claudia Kleinman, McGill University, Canada *Moderator: Charlotte Ling, Lund University, Sweden*	
09:30	10:00	Understanding epigenetic regulation during early human embryonic brain development at single cell resolution *Fides Zenk, EPFL, Switzerland*	
10:00	10:30	Molecular Basis of the Gene Regulatory Code *Jussi Taipale, Wellcome Sanger Institute, UK*	
10:30	10:45	Resolving cell-type-specific DNA methylation from heterogeneous tissues using long-read sequencing *Eilis Hannon, University Of Exeter, UK*	
10:45	11:00	maxATAC-v2: Enhanced Genome-Wide TF Binding Site Prediction from (sc)ATAC-seq *Akshata Rudrapatna, University Of Cincinnati/Cincinnati Children's Hospital Medical Center, USA*	
11:00	11:40	Refreshment break and networking	Event space
11:25	*11:40*	*Briefing for Keynote, chair, moderator & committee - Auditorium*	Auditorium
11:40	**12:30**	**Keynote 3**	**Auditorium**
		Chair: Jordana Bell, King's College London, UK *Moderator: Charlotte Ling, Lund University, Sweden*	
11:40	12:30	Nuclear regulatory disturbances in blood cells that precede and predict the development of Type-2 diabetes in Asian populations *John Chambers, NTU-LKCMedicine, Singapore*	
12:30	**12:45**	**Closing Remarks**	**Auditorium**
		Scientific Programme Committee: *Jordana Bell, King's College London, UK* *Christoph Bock, CeMM Research Center for Molecular Medicine, Austria* *Claudia Kleinman, McGill University, Canada* *Charlotte Ling, Lund University, Sweden*	
12:45	13:45	Lunch and departures	Hinxton Hall Restaurant
13:45		Coach departures for Stansted and Heathrow airports	
13:55		Coach departures for Cambridge train station and city centre	