

Hybrid Conference Programme

Start (GMT)	Finish (GMT)	Presenter details
Wednesday 22 March 2023		
11:30	13:00	Registration, lunch and networking
12:40	13:00	Briefing for Keynote & Session 1 speakers, chair, moderator & committee - Auditorium
13:00	13:10	Welcome Scientific Programme Committee: Marisa Bartolomei, University of Pennsylvania, USA Eamonn Maher, University of Cambridge, UK David Monk, University of East Anglia, UK Irene Netchine, Sorbonne University, Paris
13:10	14:10	Keynote 1 Chair: Eamonn Maher Moderator: David Monk Genomic Imprinting and Mammalian Evolution Azim Surani, Gurdon Institute Cambridge, UK
14:10	14:15	Comfort break
14:15	15:45	Session 1: Imprinting gene function and physiology Chair: Eamonn Maher Moderator: David Monk
14:15	14:45	Fetal manipulation of maternal metabolism is a critical function of Igf2 Jorge Lopez-Tello, University of Cambridge, UK
14:45	15:15	Imprinted snoRNA loci and circadian entrainment Janine LaSalle, University of California Davis, USA
15:15	15:30	Functional antagonism of the imprinted Mir483 and host gene Igf2 in the control of developmental growth and metabolism Ionel Sandovici, University of Cambridge, UK
15:30	15:45	Establishment of beta cell heterogeneity via differential CpG methylation at the imprinted Nnat locus Steven Millership, Imperial College London, UK
15:45	16:30	Refreshment break
16:15	16:30	Briefing for Session 2 speakers, chair & moderator - Auditorium
16:30	18:00	Session 2: Life cycle of imprinting Chair: David Monk Moderator: Marisa Bartolomei
16:30	17:00	Study of imprinting disorders through introduction of cis- and trans-acting genetic variants in the mouse Andrea Riccio, University of Campania L. Vanvitelli, Italy
17:00	17:30	Imprinting regulation within the mouse Mest cluster Louis Lefebvre, The University of British Columbia, Canada
17:30	17:45	TET1-mediated active demethylation pathways are required for the establishment of imprinting control regions and sperm-specific hypomethylated regions Rexxi Prasasya, University of Pennsylvania, USA
17:45	18:00	The function and allelic specification of LTR containing non-canonically imprinted transcripts Christian Belton, The Babraham Institute, UK
18:00	18:30	Poster pitches for odd number posters
18:30	19:30	Poster session 1 - odd number posters with refreshments
19:30	21:30	Dinner
		Bar open (card payments only)

Thursday 23 March 2023		
07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 3 speakers, chair & moderator - Auditorium
09:30	10:30	Session 3: Clinical Case Studies Chair: <i>Irène Netchine</i> Moderator: <i>Eamonn Maher</i> Case report: A patient with Beckwith-Wiedemann syndrome and MLID with SNRPN:TSS-DMR hypomethylation <i>Jasmin Beygo, Universitätsklinikum Essen, Universität Duisburg-Essen, Germany</i> ZNF445: a homozygous truncating variant in a patient with Temple syndrome and multilocus imprinting disturbance <i>Masayo Kagami, National Research Institute for Child Health and Development, Japan</i> Multiple Epigenetic Alterations Driving Beckwith-Wiedemann Spectrum in the Same Patient <i>Jennifer Kalish, Children's Hospital of Philadelphia/University of Pennsylvania, USA</i> Perinatal characteristics of children with Silver-Russell syndrome <i>Eloise Giabicani, Sorbonne Université, France</i> Medical and diagnostic challenges in a child with a complex form of Beckwith Wiedemann Syndrome <i>Claire Power, Royal College of Surgeons in Ireland, Ireland</i> Familial pseudohypoparathyroidism type IB associated with an SVA retrotransposon insertion in the GNAS locus <i>Masayo Kagami, National Research Institute for Child Health and Development, Japan</i> Discrepant results between SNP array and MS-MLPA in a patient with Prader-Willi syndrome <i>Laura van Zutven, Erasmus MC, Netherlands</i>
10:30	11:00	Refreshment break
10:45	11:00	Briefing for Session 4 speakers, chair & moderator - Auditorium
11:00	13:00	Session 4: Epigenetics mechanisms and therapeutics of imprinting disorders Chair: <i>Robert Feil</i> Moderator: <i>David Monk</i> 11:00 11:30 Advancing a CRISPR/Cas9 gene therapy for Angelman syndrome - Virtual Mark Zylka, University of North Carolina, USA 11:30 12:00 Using imprinted loci to study how co-transcriptional processes generate transcriptome diversity in development and disease Rebecca Oakey, King's College London, UK 12:00 12:30 Beckwith Wiedemann syndrome: recent advances since consensus Irène Netchine, Sorbonne University, Paris 12:30 12:45 Regulatory And Structural Chromatin Topology: Lessons From An Imprinted Domain <i>Carol Edwards, University of Cambridge, UK</i> 12:45 13:00 A stem-cell based disease model of Angelman syndrome <i>Simao Teixeira da Rocha, IBB - Tecnico Lisboa, Portugal</i>
13:00	14:30	Networking lunch
14:15	14:30	Briefing for Session 5 speakers, chair & moderator - Auditorium
14:30	16:00	Session 5: Disordered imprinting and human disease Chair: <i>Irène Netchine</i> Moderator: <i>Eamonn Maher</i> 14:30 15:00 Temple Syndrome - revisited in 2023 Karen Temple, University of Southampton, UK 15:00 15:30 How do you solve a problem like MLID? Deborah Mackay, University of Southampton, UK 15:30 15:45 Maintenance of methylation profile in imprinting control regions in human induced pluripotent stem cells <i>Celine Selenou, Sorbonne Université, France</i> 15:45 16:00 Study of adult neurogenesis in the murine model of Prader-Willi syndrome PWS ^{Scrm+/p-} <i>Esteban Jiménez-Villalba, University of Valencia, Spain</i>
16:00	16:30	Refreshment break
16:15	16:30	Briefing for Panel discussion speakers, chair & moderator - Auditorium
16:30	17:30	Panel discussion -Translating research into clinical benefit Chair: <i>Irène Netchine</i> Moderator: <i>David Monk</i> <i>Thomas Eggermann, University Hospital Aachen, Germany</i> <i>Deborah Mackay, University of Southampton, UK</i> <i>Jennifer Kalish, Children's Hospital of Philadelphia/University of Pennsylvania, USA</i> <i>Karen Temple, University of Southampton, UK</i>
17:30	18:00	Poster pitches for even number posters
18:00	19:00	Poster session 2 - even number posters with refreshments
19:00	21:00	Dinner
Bar open (card payments only)		

Friday 24 March 2023		
07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 6 speakers, chair & moderator
09:30	11:30	Session 6: Imprinting & beyond <i>Chair: Marisa Bartolomei</i> <i>Moderator: Eamonn Maher</i>
09:30	09:45	Multiscale regulation of imprinted gene during neural commitment: A focus on Peg3 domain <i>Cecilia Rengifo Rojas, iGReD, France</i>
09:45	10:15	Imprinting Disorders: What can we expect from future diagnostic testing? Thomas Eggermann, University Hospital Aachen, Germany
10:15	10:45	The role of H3K27me3 in imprinting and pluripotency state transitions Martin Leeb, University of Vienna, Austria
10:45	11:15	The role of non-canonical SMC protein SMCHD1 in regulating the Prader Willi cluster Marnie Blewitt, The Walter and Eliza Hall Institute, Australia
11:15	11:30	Role of DNA methylation in asynchronous replication timing at imprinted gene domains <i>Yui Imaizumi, CNRS, France</i>
11:30	12:00	Refreshment break
11:45	12:00	Briefing for Keynote, chair, moderator & committee
12:00	13:00	Keynote 2 <i>Chair: Marisa Bartolomei</i> <i>Moderator: Eamonn Maher</i> Parental-origin effects in the regulation of imprinting and in postnatal resource control Anne Ferguson-Smith, University of Cambridge, UK
13:00	13:10	Closing remarks and prize presentation Scientific Programme Committee: Marisa Bartolomei, University of Pennsylvania, USA Eamonn Maher, University of Cambridge, UK David Monk, University of East Anglia, UK Irene Netchine, Sorbonne University, Paris
13:10	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