

**Hybrid Conference Programme**

Start (GMT)	Finish (GMT)	Presenter details
<b>Monday 10 March 2025</b>		
12:00	13:00	<b>Registration, lunch and networking</b>
12:45	13:00	Briefing for Keynote & Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium
13:00	13:20	<b>Welcome</b>
		<p><b>Wellcome Connecting Science:</b> Jane Murphy, Wellcome Connecting Science, UK</p> <p><b>Scientific Programme Committee:</b>  <a href="#">Marisa Bartolomei, University of Pennsylvania, USA</a>  <a href="#">Thomas Eggermann, University Hospital Aachen, Germany</a>  <a href="#">David Monk, University of East Anglia, UK</a>  <a href="#">Irene Netchine, Sorbonne University, France</a></p>
13:20	14:10	<b>Keynote 1</b>
		<p>Chair: David Monk, University of East Anglia, UK          Moderator: Marisa Bartolomei, University of Pennsylvania, USA</p> <p>LTRs as mediators of imprinting  <a href="#">Gavin Kelsey, Babraham Institute, UK</a></p>
14:10	14:15	Comfort break
14:15	15:45	<b>Session 1: Imprinting gene function and physiology</b>
		<p>Chair: Thomas Eggermann, University Hospital Aachen, Germany          Moderator: Irene Netchine, Sorbonne University, France</p>
14:15	14:45	<p>Imprinting in the placenta: Influencing maternal behaviour &amp; offspring outcomes  <a href="#">Rosalind John, University of Cardiff, UK</a></p>
14:45	15:00	<p>Placental expression of Delta-like homologue 1 (Dlk1) regulates endothelial cell development and hormone production to modulate fetal growth and maternal fatty acid metabolism  <a href="#">Marika Charalambous, King's College London, UK</a></p>
15:00	15:15	<p>Elucidating the Epigenetic Regulation of Imprinted Gene Dosage: Insights into Tissue-Specific Control and Novel Mechanisms of Dlk1 Expression in the Neurogenic Niche  <a href="#">Anella Weinberg-Stukron, University of Cambridge, UK</a></p>
15:15	15:45	<p>Silver-Russell syndrome beyond childhood  <a href="#">Justin Davies, University of Southampton, UK</a></p>
15:45	16:30	Refreshment break and networking
16:16	16:30	Briefing for Session 2 speakers, chair & moderator - Auditorium
16:30	18:00	<b>Session 2: Life cycle of imprinting</b>
		<p>Chair: David Monk, University of East Anglia, UK          Moderator: Thomas Eggermann, University Hospital Aachen, Germany</p>
16:30	17:00	<p>DNMT3L: a role beyond the establishment of imprints and germline methylation  <a href="#">Courtney Hanna, University of Cambridge, UK</a></p>
17:00	17:15	<p>Maternal PAD16 impairment affects UHRF1 stability and DNA methylation in mouse blastocysts: a possible mechanism of multi-locus imprinting disturbance  <a href="#">Carlo Giaccari, University of Campania Luigi Vanvitelli, Italy</a></p>
17:15	17:30	<p>Loss of imprinting at the RB1 locus in families with RB1 promoter variants supports the role of transcription in establishing oocyte-specific DNA methylation at the RB1 DMR  <a href="#">Deniz Kanber, University Hospital Essen, University Duisburg-Essen, Germany</a></p>
17:30	18:00	<p>Establishment of the paternal methylation imprint at the H19/IGF2 ICR  <a href="#">Proksa E Szabo, Van Andel Institute, USA</a></p>
18:00	18:30	<b>Poster pitch talks for odd number posters</b>
18:30	20:00	<b>Poster session 1 - odd number posters</b>
20:00	21:00	Dinner
20:00		Bar open (card payments only)

**Tuesday 11 March 2025**

08:45	09:00	Briefing for Session 3 speakers, chair & moderator - Auditorium
<b>09:00</b>	<b>10:45</b>	<b>Session 3: Disordered imprinting and human disease</b> Chair: Thomas Eggermann, University Hospital Aachen, Germany Moderator: Irene Netchine, Sorbonne University, France
09:00	09:30	Late onset $\beta$ -thalassaemia major: an imprinting disorder <a href="#">Giovanni Battista Ferrero, University of Turin, Italy</a>
09:30	10:00	High-resolution dissection of allele-specific regulatory layers at the Dk1-Dio3 locus <a href="#">Daan Noordermeer, Université Paris-Saclay, France</a>
10:00	10:15	How GRB10 might contribute to the Silver-Russell Phenotype <a href="#">Mathias Begemann, Uniklinik RWTH Aachen, Germany</a>
10:15	10:30	The imprinted gene Zac1 in the regulation of hepatic aging by early life environmental stress <a href="#">Michael Cowley, North Carolina State University, USA</a>
10:30	10:45	Oxford nanopore long-read genome sequencing provides comprehensive genetic variant and methylation testing for critically ill children in ultra-rapid settings <a href="#">Dmitrijs Rots, Erasmus MC, Netherlands</a>
10:45	11:00	Refreshment break and networking
10:45	11:00	Briefing for Clinical Case Studies session speakers, chair & moderator - Auditorium
<b>11:00</b>	<b>12:40</b>	<b>Clinical Case Studies</b> Chair: Irene Netchine, Sorbonne University, France Moderator: Thomas Eggermann, University Hospital Aachen, Germany Epidemiology, clinical characteristics and genotype of imprinting disorders in Irish Children <a href="#">Claire Power, Cork University Hospital, Ireland</a> Clinical and molecular mechanisms of macroglossia in the Beckwith-Wiedemann spectrum <a href="#">Jennifer Kalish, Children's Hospital of Philadelphia/University Of Pennsylvania, USA</a> Temple syndrome: comprehensive clinical study in genetically confirmed 60 patients and diagnostic and therapeutic implications <a href="#">Masayo Kagami, National Research Institute for Child Health and Development</a> Description of two patients with Prader-Willi syndrome due to a very rare mosaic imprinting defect <a href="#">Jasmin Beygo, Institut für Humangenetik, Universitätsklinikum Essen, Universität Duisburg-Essen, Essen, Germany</a> Comprehensive molecular and clinical findings in 29 patients with multi-locus imprinting disturbance <a href="#">Tatsuki Urakawa, National Research Institute for Child Health and Development, Japan</a> Understanding the impact of MLID on imprinting disorders: preliminary results from the StratIFID study <a href="#">Gabriella Gazdagh, Wessex Clinical Genetics, UK</a> Co-occurrence of dominant PLAG1 frameshift/nonsense variants and MEG8:INT2-DMR hypomethylation: a possible novel role of the imprinted 14q32 locus in Silver-Russell syndrome. <a href="#">Emilia D'Angelo, University Of Campania Luigi Vanvitelli-Caserta, Italy</a>
12:40	13:30	Lunch and networking
13:15	13:30	Briefing for Session 4 speakers, chair & moderator - Auditorium
<b>13:30</b>	<b>15:00</b>	<b>Session 4: New mechanisms of regulation</b> Chair: Andrea Riccio, University of Campania Luigi Vanvitelli, Italy Moderator: David Monk, University of East Anglia, UK
13:30	14:00	Selfish conflict underlies RNA-mediated parent-of-origin effects <a href="#">Alejandra Burga, Institute of Molecular Biotechnology (IMBA) Vienna, Austria</a>
14:00	14:30	Genetics and clinical aspects of multilocus imprinting disturbance <a href="#">Eamonn Maher, Aston Medical School, UK</a>
14:30	14:45	Biallelic gain of a permissive chromatin signature precedes productive maternal enhancer-promoter interaction at the Zim1 imprinted gene during neural commitment <a href="#">Philippe Aumaud, Cnrs, France</a>
14:45	15:00	Discovering parental differentially methylated regions in the pig highlights evolutionary and molecular mechanisms shaping genomic imprinting <a href="#">Julie Demars, Inrae, France</a>
15:00	15:30	Refreshment break and networking
15:15	15:30	Briefing for Session 5 speakers, chair & moderator - Auditorium
<b>15:30</b>	<b>17:30</b>	<b>Session 5: Epigenetics mechanisms and therapeutics of imprinting disorders</b> Chair: Irene Netchine, Sorbonne University, France Moderator: Thomas Eggermann, University Hospital Aachen, Germany
15:30	16:00	Genome And Epigenome Editing For Imprinting Disorders Of Prader-Willi And Angelman Syndrome <a href="#">Yang-Hui Jiang, Yale School of Medicine, USA</a>
16:00	16:30	The winding path towards cellular models of imprinting defects <a href="#">Eliisa Gabicani, Sorbonne University, France</a>
16:30	16:45	Novel insights into DNA methylation at the imprinted regions in the embryonic stem cells and post-implantation embryos <a href="#">Xiajun Li, ShanghaiTech University, China</a>
16:45	17:00	SMCHD1 at the human 15q11.2-13 locus. Exploring mechanisms of gene silencing to inform gene activation therapy for Prader-Willi Syndrome. <a href="#">Anna Le Fevre, Walter and Eliza Hall Institute of Medical Research, Australia</a>
<b>17:00</b>	<b>17:30</b>	<b>Poster pitch talks for even number posters</b>
<b>17:30</b>	<b>18:00</b>	<b>Poster session 2 - even number posters</b>
19:30	21:00	Dinner
19:30		Bar open (card payments only)

Wednesday 12 March 2025

08:45	09:00	Briefing for Keynote, chair, moderator & committee - Auditorium
09:00	09:50	<p><b>Keynote 2</b></p> <p>Chair: <a href="#">Marisa Bartolomei, University of Pennsylvania, USA</a>  Moderator: <a href="#">David Monk, University of East Anglia, UK</a></p> <p>Ancestral, conserved and novel mechanisms in marsupial genomic imprinting  <a href="#">Marilyn Renfree, University of Melbourne, Australia</a></p>
09:50	10:20	Refreshment break and networking
10:05	10:20	Briefing for Session 6 speakers, chair & moderator - Auditorium
10:20	09:50	<p><b>Session 6: X-inactivation</b></p> <p>Chair: <a href="#">Marisa Bartolomei, University of Pennsylvania, USA</a>  Moderator: <a href="#">David Monk, University of East Anglia, UK</a></p>
10:20	10:50	<p>Signal decoding at the Xist locus  <a href="#">Edda Schultz, Max Planck Institute for Molecular Genetics, Germany</a></p>
10:50	11:05	<p>Erosion of X-Chromosome Inactivation in Human Pluripotent Stem Cells Reveals Insights into XIST-Mediated Regulation of Escape Genes  <a href="#">Simão Rocha, Instituto Superior Tecnico, Portugal</a></p>
11:05	11:20	<p>To Test or Not to Test: should we do X-inactivation analysis on blood DNA to explain variability of non-blood phenotypes?  <a href="#">M.Mahdi Motazacker, Amsterdam UMC, Netherlands</a></p>
11:20	12:10	<p>Imprinted X-inactivation from gamete to embryo  <a href="#">Jeanne Lee, Harvard Medical School, USA</a></p>
12:10	12:20	<p><b>Closing remarks and prize presentation</b></p> <p><b>Scientific Programme Committee:</b>  <a href="#">Marisa Bartolomei, University of Pennsylvania, USA</a>  <a href="#">Thomas Eggemann, University Hospital Aachen, Germany</a>  <a href="#">David Monk, University of East Anglia, UK</a>  <a href="#">Irene Netchine, Sorbonne University, France</a></p>
12:20	12:50	Lunch and departures
12:50		Coach departures for Stansted and Heathrow airports
13:00		Coach departures for Cambridge train station and city centre