



The Equity Evolution

24th - 25th September 2024
The Bridgewater Hall, Manchester

BSHI 2024 Programme

Day one – 24th September

09:00 - 10:00	Arrival and Registration <i>Circle Foyer – Level 3</i>	
10:00 – 10:10	Welcome Address <i>Barbirolli room – Level 2</i> Dr. Olivia Shaw Prof. Kay Poulton	
10:10 – 10:40	OTDT Update <i>Barbirolli room – Level 2</i> <i>Providing H&I advice, support, and representation to OTDT</i> Dr. David Briggs - Consultant Scientist, NHSBT.	
10:40 – 12:10	Plenary Session I: Expanding Access to HPC Transplantation Chair: Anna Barker & Olivia Shaw <i>Barbirolli room – Level 2</i> <i>Which alternative donor should we pick in 2024?</i> Dr. Chloe Anthias - Consultant Haematologist, Anthony Nolan/Royal Marsden. <i>The impact of patient ethnicity on HCT outcome – the UK experience</i> Dr. Neema Mayor - Head of Immunogenetics Research, Anthony Nolan Research Institute. <i>Sickle Cell and stem cell transplant. Finally, a cure...</i> Dr. Steven Okoli - Haematology consultant and senior clinical lecturer, Imperial College NHS Trust and Imperial College.	
12:10 - 13:30	Lunch & Trade Exhibition <i>Circle Foyer – Level 3</i>	
12:40 - 13:00	Trade Workshop - MC Diagnostics Ltd <i>Barbirolli room – Level 2</i> <i>Post-Transplant Surveillance with AlloSeq cfDNA and AlloSeq HCT</i> Paul Kyle <i>HISTO SPOT HLA AB – The Manchester Experience</i> Marie Hampson	Trade Workshop - STEMCELL Technologies <i>Charles Halle Room – Level 1</i> <i>Efficient Cell Isolation for Crossmatch Assays</i> Christine Barr

<p>13:05 - 13:25</p>	<p>Trade Workshop – VH Bio Ltd <i>Barbirolli room – Level 2</i></p> <p><i>The Basel MagSort experience: a versatile new tool for the HLA laboratory</i> Dr. Gideon Hönger</p>	<p>Trainee Forum <i>Charles Halle Room – Level 1</i></p>
<p>13:30 – 14:30</p> <p>13:30 – 13:40</p> <p>13:40 – 13:50</p> <p>13:50 – 14:00</p> <p>14:00 – 14:10</p> <p>14:10 – 14:20</p> <p>14:20 – 14:30</p>	<p>Paul Sinnott Next Generation Scientist Award Oral presentations selected from submitted abstracts Chair: Katy Latham & Sarah Peacock <i>Barbirolli room – Level 2</i></p> <p>O1 - Single tube PCR, Simultaneous genotyping of HLA class-I genes and HPA using Long-read sequencing by Oxford Nanopore Technology (ONT) Vrushank Makwana, NHS Blood And Transplant</p> <p>O2 - Investigation of CD3+ cell purity issues for chimaerism monitoring of patients following haematopoietic stem cell transplantation Maria Irvine, Transplantation Laboratory, Manchester Royal Infirmary</p> <p>O3 - Investigating whether donor-derived cell-free DNA can be used as a biomarker of recurrent IgA nephropathy post kidney transplantation Judith Owusuwaah Asiedu-Basoah, University Hospitals of Leicester</p> <p>O4 - Investigation of Antibodies Directed Against Denatured Human Leukocyte Antigens in Highly Sensitised Patients Awaiting Kidney Transplantation Vasia Sykioti, Leeds Teaching Hospitals NHS Trust</p> <p>O5 - Comparison of molecular assays for the detection of Glutathione S-Transferase Theta-1 polymorphisms and establishment of null genotype frequency in patients on the renal and pancreas transplant waiting lists Radvile Prialgauskaite, Manchester Royal Infirmary</p> <p>O6 - Developing immunophenotyping panels to identify $\gamma\delta$ T-cell populations and distinguish their phenotypes in blood samples Rebecca Hibberd, Imperial College Healthcare NHS Trust</p>	
<p>14:30 – 16:00</p>	<p>Plenary Session II: Evolving approaches to improve access in Solid Organ Transplantation Chair: Helena Lee & Felicity May <i>Barbirolli room – Level 2</i></p> <p><i>Donating a kidney – an equitable act?</i> Jan Shorrock - Executive Officer, Give a Kidney.</p> <p><i>Living in the fast lane, HLA style</i> Dr. Andrew Morley-Smith - Consultant Cardiologist, Harefield Hospital.</p> <p><i>β-cell replacement: Pancreas and Islet transplantation – Treating the future.</i> Dr. David van Dellen - Consultant Transplant & General Surgeon, Manchester Royal Infirmary.</p>	
<p>16:00 – 16:30</p>	<p>Tea & Coffee <i>Circle Foyer – Level 3</i></p>	

16:30 – 17:30	Festenstein Lecture Chair: Kay Poulton & Adrienne Seitz <i>Barbirolli room – Level 2</i> <i>The Secret Body</i> Prof. Dan Davis - Head of Department of Life Sciences, Professor in Immunology, Imperial College London.
17:30 – 18:30	Poster Session and Canapés & Wine reception <i>Circle Foyer – Level 3</i>
19:30 - late	Conference dinner and networking <i>Barbirolli room – Level 2</i> The Bridgewater Hall, Manchester

Day two – 25th September

08:30 - 09:00	Arrival and Registration <i>Circle Foyer – Level 3</i>
09:00 – 10:35	Plenary Session III: Exploring alternative approaches to transplantation Chair: Alison Logan & Catherine Hastie <i>Barbirolli room – Level 2</i> <i>Genomics and Machine Learning in Transfusion Medicine</i> Dr. Nick Gleadall - Assistant Professor, Department of Haematology, University of Cambridge. <i>Clinical outcomes and sustained biochemical engraftment following ex-vivo autologous stem cell gene therapy for Mucopolysaccharidosis Type IIIA</i> Rebecca Holley - Clinical trial programme manager, The University of Manchester. <i>Combined stem cell and renal transplantation to treat Schimke Immuno-Osseous Dysplasia.</i> Dr. Olivia Shaw - Laboratory Director, Consultant Clinical Scientist, Synnovis, Guys Hospital. <i>University of Manchester MSc Clinical Science Teaching Opportunities in H&I</i> Stephine Whiteside – Lecturer, University of Manchester.
10:35 – 11:00	Tea & Coffee <i>Circle Foyer – Level 3</i>
11:00 – 12:00	Best Abstracts Oral presentations selected from submitted abstracts Chair: Carla Rosser & Anthony Poles <i>Barbirolli room – Level 2</i>
11:00 – 11:10	O7 - Examining the impact of ISO 15189: 2012 accreditation in an NHS specialist pathology laboratory: A single centre longitudinal study. Julie Johnson, Transplantation Laboratory
11:10 – 11:20	O8 - Transplant Assessment and Relative Opportunity Tool (TAROT) Readings - 1000 Day Outcomes Adrienne Seitz, Leeds Teaching Hospitals NHS Trust
11:20 – 11:30	O9 - Introducing a programme of HNA-3 genotyping and antibody screening for patients on the solid organ transplant list Hannah Docker, Oxford University Hospital

11:30 – 11:40	<p>O10 - HLA intronic mismatches increase grade 2-4 aGvHD risk, but do not affect overall survival, in UK unrelated donor haematopoietic cell transplants for malignant diseases Thomas Turner, Anthony Nolan Research Institute</p>	
11:40 – 11:50	<p>O11 - Utility of One Lambda Labscreen Extended Panel Beads (ExPlex) to Resolve Complex HLA Antibody Profiles Ambika Camille, Imperial College NHS Healthcare</p>	
11:50 – 12:00	<p>O12 - First successful imlifidase-enabled kidney transplant in the UK: A case report Jeanette Ayers, Oxford University Hospitals NHS Foundation Trust</p>	
12:00 – 13:30	<p>Lunch & Trade Exhibition <i>Circle Foyer – Level 3</i></p>	
12:40 - 13:00	<p>Trade Workshop - Eurobio Scientific <i>Barbirolli room – Level 2</i></p> <p><i>We will explore the groundbreaking advancements in high-resolution HLA typing made possible by Oxford Nanopore Technology, focusing on GenDx's innovative solutions, NGS-Turbo and NGS-Pronto. These technologies represent a significant leap forward in the field, enabling rapid, long-read sequencing with unmatched precision and speed.</i> Dann Thart</p>	<p>Trainee Forum <i>Charles Halle Room – Level 1</i></p>
13:05 - 13:25	<p>Trade workshop - Werfen <i>Barbirolli room – Level 2</i></p> <p><i>Placing more data at your fingertips: Our latest developments in HLA testing and software</i> Dr Christine Heylen</p>	<p>H&I Quality Managers Forum <i>Charles Halle Room – Level 1</i></p>
13:30 – 14:30	<p>BSHI MDT: Transplanting the highly sensitised patients Chair: Kay Poulton <i>Barbirolli room – Level 2</i></p> <p><i>Delisting strategies with respect to Imlifidase usage for highly sensitized renal patients.</i> Dr. Dave Roelen - Medical Immunologist, head HLA laboratory, LUMC, Leiden, The Netherlands.</p> <p><i>Transplanting Highly Sensitised Patients - Case Discussions</i> Prof. Kay Poulton - Consultant Clinical Scientist, Manchester Royal Infirmary.</p>	
14:30 – 15:00	<p>Tea & Coffee <i>Circle Foyer – Level 3</i></p>	
15:00 – 16:00	<p>Terasaki Lecture Chair: Clare Collins & Deborah Sage <i>Barbirolli room – Level 2</i></p>	

	<i>From Halifax to AXE: Developing Cutting Edge Protocols for HLA Antibody Detection</i> Dr. Rob Liwski - Medical Director, HLA Laboratory, Nova Scotia Health.
16:00 – 16:30	Closing ceremony & awards <i>Barbirolli room – Level 2</i>