



BSHI Conference 2023

12th – 13th September

Park Regis, Birmingham

BSHI 2023 Programme

Day one – Tuesday 12th September

09:00 - 10:00 15 th Floor Foyer	Arrival and Registration	
10:00 – 10:05 Sky Gallery	Welcome Address - Deborah Sage, Consultant Clinical Scientist, Head of Laboratory, Tooting, BSHI Chair - Luke Foster, Consultant Clinical Scientist, Head of Laboratory, Birmingham, Local Organising Committee Representative - Tim Key, Consultant Clinical Scientist, Head of Laboratory, Barnsley Local Organising Committee Representative	
10:15 – 12:00 Sky Gallery	Plenary Session I: Collaborative approaches to address challenges in UK organ transplantation Chair - Deb Sage & Emily Ryan	
10:15 – 10:45	The Specialist Nurse Organ Donation Perspective – Opportunities, Challenges and Collaborations Jackie Brander - Head of Organ Donation Service Delivery, NHS Blood and Transplant	
10:45 - 11:15	Addressing challenges in organ and stem cell donation through community engagement – progress of the Community Grants Programme Altaf Kazi - Assistant Director of Partnerships and Community Engagement, NHS Blood and Transplant	
11:15 – 11:45	Organ Assessment and Recovery Centres Derek Manas - Medical Director, NHS Blood and Transplant-OTDT, Consultant Hepatobiliary and Transplant Surgeon at Newcastle’s Institute of Transplantation Assessment and Recovery Centres (ARCs)	
12:00 - 13:30 Garrard & Blumfield	Lunch & Trade Exhibition	
12:40 - 13:00	Trade session 1 – CareDX Non-invasive Assessment of Allograft Injury: Using AlloSeq cfDNA to Monitor Solid Organ Transplantation Sky Loft	Trade session 2 – Immucor Shaping the future of our Next Gen Solutions: Hear how customer voices are helping to drive Immucor’s latest developments in HLA testing and software, to advance analysis. Sky Gallery
13:05 - 13:25	Trade session 3 –VH BIO Ltd	Trainee Meeting



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	<p>Meet The Experts: A Q&A With One Lambda: Drs. Dave Lowe and Sean Carey will be joining us to answer your questions.</p> <p>Sky Gallery</p>	<p>Sky Loft</p>
<p>13:30 – 14:30 Sky Gallery</p>	<p>Paul Sinnott Next Generation Scientist Award Oral presentations selected from submitted abstracts Chair - Richard Battle & Amy De'ath</p>	
13:30 – 13:40	<p>O1 - Retrospective analysis to evaluate the impact of the change from the 2006 to the 2019 national deceased donor kidney offering scheme on patients registered on the Cambridge kidney transplant waiting list Dayna Badaro, Cambridge University Hospitals</p>	
13:40 – 13:50	<p>O2 - A Case Report of a GSTT1 antibody in a patient with a fully HLA matched kidney transplant Michelle Carr, Manchester University NHS Foundation Trust</p>	
13:50 – 14:00	<p>O3 - Measurement Uncertainty in Luminex HLA Antibody Assays and it's Relevance to Virtual Crossmatching in Cardiothoracic Transplantation Adrian Handley, NHS Blood and Transplant, Birmingham</p>	
14:00 – 14:10	<p>O4 - Evaluation and optimisation of flow cytometry technique in National Histocompatibility Immunogenetics Service Solid Organ Transplantation (NHISSOT) Saima Azhar Salim, Beaumont Hospital</p>	
14:10 – 14:20	<p>O5 - Human Neutrophil Antibodies in Renal Transplantation: A Case Study Ana Bultitude, NHS Blood and Transplant, Tooting</p>	
14:20 – 14:30	<p>O6 - Detection of the DR8 encoding allele, HLA-DRB1*14:15, in a deceased solid organ donor and the clinical implications Hawzhin Jabar, NHS Blood and Transplant, Birmingham</p>	
<p>14:30 – 16:00 Sky Gallery</p>	<p>Plenary Session II: Embracing national and international links to improve solid organ transplant programmes Chair - Clare Collins & Helena Lee</p>	
14:30 – 15:00	<p>Developing Renal Transplant Programmes in Low- and Middle-Income Countries Aimee Jewitt-Harris - Transplant Links Community, Chief Executive Officer, University Hospitals Birmingham</p>	
15:00 – 15:30	<p>Establishing a transplant programme in Barbados: The importance of collaboration Rebecca McGuire - Trainee Clinical Scientist, Manchester University NHS Foundation Trust</p>	



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15:30 – 16:00	Imlifidase- the long-awaited magic wand in Transplantation Nithya Krishnan - Consultant Nephrologist, University Hospitals Coventry and Warwickshire
16:00 – 16:30 Garrard & Blumfield	Tea & Coffee
16:30 – 17:30 Sky Gallery	Terasaki Lecture Chair - Luke Foster & Zoe Thomas HLA-DQ immunogenicity in allotransplantation Anat Tambur - Director of Transplant Immunology Laboratory, Northwestern University, Chicago HLA immunogenicity in transplantation
17:30 – 18:30 Armstrong	Poster Session - Canapés & Wine Reception Poster presentations selected from submitted abstracts
19:30 – late Sky Gallery	Conference dinner and networking Theme: Kings and Queens

Day two – Wednesday 13th September

07:00 – 08:00	Fun Run – Meet in front of Park Regis at 6:40am
08:30 - 09:00 15th Floor Foyer	Arrival and Registration
09:00 – 10:30 Sky Gallery	Plenary Session III: Looking forwards in hematopoietic stem cell transplantation Chair - Kay Poulton & Rob Whitte
9:00 – 9:30	The future of unrelated donor stem cell transplantation within the UK: An update from the Stem Cell Strategic Forum Charles Craddock - Stem Cell Strategic Forum Chair, University Hospitals Birmingham
9:30 – 10:00	A personal experience of stem cell transplantation and thoughts on the SCSF - Gillian Adams - Patient Representative from the Stem Cell Strategic Forum
10:00 – 10:30	Work on the utility of granulocyte transfusion after umbilical cord blood transplantation in improving outcomes Rob Wynn - Consultant Paediatric Haematologist, Manchester Foundation Trust
10:30 – 11:00	Tea & Coffee



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Garrard & Blumfield	
11:00 – 12:00 Sky Gallery	Best Abstracts Oral presentations selected from submitted abstracts Chair - Olivia Shaw & Tracey Rees
11:00 – 11:10	O7 - The impact of HLA match and HLA donor specific antibodies on increment after HLA selected platelet transfusion Richard Battle, Scottish National Blood Transfusion Service
11:10 – 11:20	O8 - Predicting Flow Cytometry Crossmatch results from Single antigen Bead Testing Patrick Flynn, Manchester University NHS Foundation Trust
11:20- 11:30	O9 - Mismatching at the HLA-E locus is associated with a reduced risk of relapse for UK patients undergoing an unrelated donor hematopoietic cell transplant - Jonathan A.M. Lucas, Anthony Nolan Research Institute
11:30 – 11:40	O10 - Investigating the relation between two MDR-1 gene polymorphisms and cyclosporine serum level in renal transplant recipients in Kerman (Iran) Sajadhossein Bazrafshani, E.N.T. Department, Worcester Royal Hospital
11:40 – 11:50	O11 - Evaluation of Next Generation Sequencing assay for Haematopoietic Stem Cells Post Transplant Chimerism Monitoring Mazen Mabrok, Imperial College Healthcare NHS Trust
11:50 – 12:00	O12 - Evaluation of high resolution HLA typing using NanoTYPE (Omixon) and MinION sequencing platform (Oxford Nanopore Technologies) Emma Holmes, NHS Blood And Transplant, Tooting
12:00 – 13:30 Garrard & Blumfield	Lunch & Trade Exhibition
12:40 - 13:00 Sky Gallery	Trade session 5 - Alpha Biotech Ltd & GENDX GenDx HLA & Chimerism innovations: <i>HLA typing using Nanopore and CRISPR technologies. Chimerism monitoring by NGS and HLA-loss detection</i>
13:05 - 13:25 Sky Gallery	Trade session 6 - Stemcell Rapid, Automated Cell Isolation Solutions for Crossmatch and Chimerism Analysis - <i>Learn how highly optimized cell separation solutions from STEMCELL Technologies can facilitate sample processing to isolate highly purified cells for flow cytometry, CDC crossmatch, chimerism analysis, or HLA serological typing.</i>
13:30 – 14:30 Sky Gallery	MDT Cases Study Presentations Oral presentations selected from submitted abstracts Chair - Katy Latham & Carla Rosser
13:30 – 13:45	



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<p>13:45 – 14:00</p> <p>14:00 – 14:15</p> <p>14:15 – 14:30</p>	<p>O13 - Collaboration Between H&I and Donor Services to Improve HLA Selected Platelet Provision Emma Ross, Scottish National Blood Transfusion Service</p> <p>O14 - Immune Profiles Associated with Response to Desensitisation and Clinical Outcome in Renal Transplantation Felicity May, Welsh Blood Service</p> <p>O15 - Mitigation of Daratumumab interference with lymphocyte flow cytometry crossmatch tests Agnieszka Ojrzynska, Royal Free Hospital</p> <p>O16 - A Digital Revolution? The Possibilities of Monitoring Donor Chimerism Post-HPCT by Digital PCR Daniel Eggleston, Manchester University NHS Foundation Trust</p>
<p>14:30 – 15:00 Garrard & Blumfield</p>	<p>Tea & Coffee</p>
<p>15:00 – 16:00 Sky Gallery</p>	<p>Festenstein Lecture Chair - Tim Key & Alison Logan</p> <p>Genome editing barriers to 'universal' CAR T cells Waseem Qasim - Professor of Cell and Gene Therapy, University College London, Great Ormand Street Hospital</p>
<p>16:00 – 16:30 Sky Gallery</p>	<p>Closing Ceremony & Awards</p>