

## Tuesday 28 February

12:30-17:00: **The Post Graduate Masterclass** in collaboration with the UK Liver Collaborative

The Penthouse Suite, Doubletree by Hilton, Edinburgh

Time	Programme	
12:00	Registration and light lunch	
12:25	Welcome and Introduction – <b>Charlie Brown</b>	The BTS Postgraduate Masterclass is kindly sponsored by
12:30	<ul> <li>Trainee Led MDT listing</li> <li>Cardiothoracic case presented by Luke Williams. Consultant moderators: Stephen Large and Jas Parmar</li> <li>Liver case presented by Laura Burke. Consultant moderators: Raj Prasad and Anya Adair</li> <li>Kidney case presented by Victoria Banwell. Consultant moderators Neal Dugal and Ellie Asgari</li> </ul>	Corza Medical  Corza Medical  medical
14:00	Refreshment break	Tricalcai
14:15	Keynote presentation: A Career in Liver and Transplant Surgery, managing Haemostasis. What we have learned in that time – <i>Professor Evaristo Varo</i>	
14:45	Chairs: Katie Connor & Raj Prasad What can the UK Offer Transplant Trainees? OOPR/OOPT Opportunities Introduction - Katie Connor	
16:40	Closing remarks – Cat Boffa	
16:55	Drinks reception	



## Wednesday 1 March, EICC, Edinburgh

Time	Programme			
	Sidlow			
08:30-10:00	BTS Dragons' Den 2023			
	Chairs: Charlie Brown & Kaitlin Mayne			
	<u>Dragons</u>			
	Prof Lorna Marson, Transplant Surgeon (kidney & pancreas), Edinburgh, Miss Anya Adair, Transplant Surgeon (liver), Edinburgh, Mr Simon Knight, Transplant Surgeon (kidney &			
	pancreas), Oxford, Dr Adnan Sharif, Consultant Nephrologist with an interest in transplantation, Birmingham, Dr Sian Griffin, Consultant Nephrologist with an interest in			
	transplantation, Cardiff			
	With support from NHSBT Clinical Trials Unit (CTU), Kidney Research UK & Patient and Public Involvement (PPI) representatives			
	Welcome and introduction – Kaitlin Mayne and Charlie Brown			
	Dragon's den competition presentations			
	Immunosuppression minimisation using novel non-invasive biomarkers in liver transplant recipients - Georgios Kourounis			
	Anterograde Pancreas Persufflation versus static cold storage in patients undergoing islEt-cell tranSplantation: the APPLES trial - Abdullah Malik, Newcastle			
	STREPtokinase flush in Pancreas transplantation from Donation after Circulatory Death donors: STREPP (DCD)-Proof-of-concept study - Jeevan Gopal			
	Keynote Q&A with Dr Michael Collins, Nephrologist, Royal Adelaide Hospital & Principal Investigator of the BEST-Fluids trial on his experience + tips for trainees on turning ideas			
	into feasible, fundable trial proposals			
09:00-10:15	Registration and refreshments			
	Pentland & Fintry			
10:15-10:30	Welcome			
	Lisa Burnapp & Derek Manas			
10:30-11:45	NHSBT Statistics presentations 2023			
	Chairs: Rachel Johnson & Krish Menon			
	Overview of organ donation and transplantation – <b>Lisa Mumford</b>			
	Latest updates in organ donation – <b>Susanna Madden</b>			
	Estimated life years lost post liver transplant – <b>Rhiannon Taylor</b>			
	Outcomes post living kidney donation – <i>Matthew Robb</i>			
	Factors influencing waiting time and post-transplant survival in pancreas transplantation – <b>Claire Counter</b>			
	NHSBT Clinical Trials Unit: latest developments in organ donation and transplantation trials – <b>Helen Thomas</b>			
11 45 10 00	Mass evaluation of lateral flow immunoassays for the detection of SARS-CoV-2 antibody responses in immunosuppressed people (MELODY) – Rachel Hogg			
11:45-12:30	Opening Keynote Lecture Chair: Nicholas Torpey			
	Citali. Nicholas forpey			
	Predicting the future – technologies to inform organ utilisation - Menna Clatworthy			
12:30-14:00	Lunch in the Exhibition Hall			
12:30-14:00				
12.00 1 1.00	Meet the duthors			
12.00 1 1.00	Meet the authors Posters P001 - P022			
13:00-13:50				



14:00-15:45	Stories from around the Commonwealth: how we approach families about organ donation Chairs: Adnan Sharif & Phil Walton	UK organ offering schemes Opportunities and Challenges with different offering schemes Chairs: Derek Manas & Douglas Thorburn The 2019 Kidney Offering Scheme – What has it delivered? -	Basic Science Session Regeneration of organs and tissues Chairs: Maria Kaisar & Menna Clatworthy	
	Approaching families in the UK – <b>Cathy Miller</b> Approaching families – from around the Commonwealth	Matthew Robb  Fast Track Kidney Offering – Sanjay Sinha and Rommel Ravanan Panellists: Amanda Knight	Generation of "new" islets from stem cells for the treatment of type 1 diabetes – <b>Eelco J.P de Koning</b>	
	Sam bin Nordin, Pallavi Kumar, Vuyie Soyizwapi & Julie Booth When families overrule donation decision –	Impact of NLOS on organ allocation and initiatives to provide organs for patients requiring retransplantation	In vivo grafting of large, engineered heart tissue patches for cardiac repair – <b>Rachel Myles</b>	
	Karen Otty	Understanding the National Liver Offering Scheme  – Ian Rowe  Use of NRP – Andrew Butler	3D kidney-on-chip models during drug screening, disease modelling and tissue regeneration – <b>Jennifer Lewis</b>	
		Use of fast-track system and NMP – <b>Thamara Perera</b> Panel discussion Panellists: <b>Ian Rowe, Thamara Perera, Andrew Butler</b>	O02: Increase in inflammation/fibrosis genes associated with normothermic machine perfusion of human liver allografts is attenuated by the addition of a leukocyte filter – Kasra Bahadori	
15:45-16:30	Refreshment break Meet the authors Posters P023 - P043			
		Pentland & Fintry		
16:30-17:15	Hansa Biopharma - Industry sponsored symposium  Getting the Most out of Imlifidase in Kidney Transplantation Chair: Professor Anthony Dorling (King's College UCL & Guy's Hospital) Welcome – Professor Anthony Dorling Bringing Imlifidase into UK Clinical Practice: UK Guideline - Dr Nicholas Torpey (Addenbrooke's Hospital, Cambridge) A Case Report: Use of Imlifidase - Dr Ilkka Helanterä (Helsinki University Hospital, Finland)			
17:20-18:35	7 of the Best Oral Presentations			
	Chairs: Colin Wilson & Dale Gardiner			
	O03: Peripheral blood signatures of clazakizumab in late O04: Hypothermic oxygenated perfusion to improve do O05: OTDT Together – Realising our combined potential O06: Outcomes and clinical course in end stage kidney O07: An audit of the diagnosis of death using neurologi O08: Expansion of "REACH Transplant" initiative: Home-	to save and improve more lives – Ben Cole		
18:35-20:15	O03: Peripheral blood signatures of clazakizumab in late O04: Hypothermic oxygenated perfusion to improve do O05: OTDT Together – Realising our combined potential O06: Outcomes and clinical course in end stage kidney O07: An audit of the diagnosis of death using neurologi O08: Expansion of "REACH Transplant" initiative: Home-	nor heart quality – Lu Wang to save and improve more lives – Ben Cole disease secondary to rare diseases – Kerry Rosenberg cal criteria following therapeutic decompressive craniectomy – Jennifer Coased living donor kidney transplantation (LKDT) education for patients in		



## Thursday 2 March

	Pentland Pentland					
08:00-09:15	MDT Plenary					
	Chairs: Jen Lumsdaine & Richard Baker					
		Clinical case: Donor with encephalopathy				
		Richard Baker				
	Uncertainty of c	donor diagnosis, Risk of donor derived infection in the re	cipient and acceptance of organs			
		Managing recipient outcomes				
		Logistical/organisational: Log-Jam in the	atres			
		Sanjay Sinha				
	Impact on racio	Logistical issues related to the donation price to the across to the atres for planned living d				
	impact on recip	ient centres and access to theatres for planned living d Different workarounds- e.g. transferring patients, transp	•			
		Directin Werkarderias e.g. mansioning patierns, mansp	Idili Collaborativos			
	Panel: Becky Clarke, Manoj Thillai, Clare Ecuyer, Rachel Bell, Kirsty McNally, Simon Messer					
		Total Control of the				
09:20-10:30	Pushing the Roundaries of Decogsed Dengtion	Fintry  Post Practice: Kidney/Paneroas	Sidlow  Best Practice: Liver			
09:20-10:30	Pushing the Boundaries of Deceased Donation Chairs: Derek Manas & Dan Harvey	Best Practice: Kidney/Pancreas Chairs: Ellie Asgari & Stephen Bond	Rising Obesity, NAFLD and the impact on liver transplantation Chairs: Anya Adair & Varuna Aluvihare			
	Uncontrolled DCD	Diagnosis and management of pancreas rejection –	Shano. 7 my a 7 man a 7 movimaro			
	Case presentation – <b>Dan Harvey</b>	Martin Drage	NAFLD – The scale of the problem and novel therapeutic approaches			
	Uncontrolled lung DCD – <b>Antonio Rubino</b>		– Niloufar Safania			
	Uncontrolled kidney DCD - <b>Dominic Summers</b>	Best practices for getting patients on the waiting list				
	Panel discussion: Gavin Pettigrew, Ian Currie,	early and facilitating pre-emptive transplantation – <b>Adnan Sharif</b>	Bariatric interventions to improve obesity related outcomes in liver			
	Andrew Fisher, Marius Berman, Jackie Brander, Tom Billyard	Adnati Statii	transplantation – <b>Julie Heimbach</b>			
	biny ara	Extending the donor criteria for islet isolation – <b>Lora</b>				
	ARC impact on donation	Irvine	Case presentation: Aimen Amer			
	Case presentation: We expect ARCs to impact on					
	retrieval, matching & recipients, possibly profound,		Panel: Abdul Hakeem, Tim Gordon-Walker, Steven White			
	but what impact will ARCs have on donation?  Derek Manas					
	ARCS – more questions or answers? <b>Richard Baker</b>					
	Panel discussion: Chris Watson, Ian Currie, Andrew					
	Fisher, Marius Berman, Jackie Brander, Richard					
	Baker					
10:30-11:15	Refreshment break					
	Meet the authors Posters P044-P078					
	FUSICIS FU44-FU/0					



	Pentland			Fintry	
11:15-13:25	Medawar Medal Presentations Chairs: Lisa Burnapp & Krish Menon  Mee Chai		Meeting the need		
			Chairs: Ian Thomas & Amanda Gibbon		
			Welcome and into	roduction	
	M02: Assessment of 'molecular organ age' in retrieva		Equality, diversity	and inclusion	
	M03: Artificial Intelligence Decision Making in Kidney		My Story - DJ Ace		
	explainable machine learning predictions for 10-year kidney graft survival – <b>Laura</b>		Engaging with communities – <b>Winnie Andango</b>		
	<ul><li>Wingfield</li><li>M04: The role of intestinal barrier dysfunction and the</li></ul>	aut microbiota in acute renal			
	transplant rejection – <b>Fernando Yuen Chang</b>	90	_	offluencing culture	
	M05: Survival outcomes comparing older living donor		Influencing cultur Panel discussion	re within an organisation – Patricia Miller (V)	
	kidney transplantation versus not being transplanted:		Farier discussion		
	wait-listed kidney transplant candidates – <i>Kamlesh Po</i> <b>M06:</b> Development and validation of a novel HLA mo		Integrated working	na	
	alloimmune risk stratification in kidney transplantation		•	between organ and tissue donations – Clare Denison	
	M07: Prolonged duration normothermic perfusion of t				
	preliminary data from a phase 1 clinical trial – <b>Richard M08:</b> Diagnostic application of gene expression analy		Paediatric and Neonatal donation		
	histological features of antibody-mediated rejection		1 '	atric/neonatal organ and tissue donation – <b>Reinout Mildner and Angie</b>	
			Scales Panel discussion		
13:25-14:25	Lunch and exhibition viewing		1 41101 41300331011		
	Meet the authors				
	Posters P080-P117 Pentland	Planton .		Sidlow	
14:25-15:40	Free communications: Paediatrics	Fintry Expanding the role of nurses		Calne Williams Medal presentations	
1 1.20 10.10	Chairs: Alun Williams & JJ Kim	Olive McGowan & Katie Morley		Chairs: Anya Adair & Rebeca Mateos	
	O10: Paediatrics: Advancing Multidisciplinary Simulation	Introduction – Olive McGowan		<b>CW01:</b> Racial disparities in outcomes after liver transplantation in the United Kingdom: a registry analysis – <b>Balaji Mahendran</b>	
	to Meet Emerging Needs and Change Donation Culture  – Jill Featherstone	Machine perfusion and assisting w	ith oraan retrieval	<b>CW02:</b> Outcomes of liver retransplantation from donation after circulatory	
	O11: Assessment of Regional Outcomes of Paediatric	- Daniel White		death livers using normothermic regional perfusion – <i>Rohit Gaurav</i>	
	Renal Transplantation in the UK – <b>Hemant Sharma</b> O12: The use of donor-derived cell-free deoxyribonucleic			CW03: Waiting for a liver transplant: Should waiting time count? – Manoj Thillai CW04: Donor liver blood tests do not predict liver transplant outcomes – UK	
	acid (ddcfDNA) for diagnosing rejection in paediatric	Simulation for enhanced SNOD tra	ining <b>– Gordon</b>	Registry Cohort Study – Samuel Tingle	
	Turpie & Jenny Hughes			<b>CW05:</b> Normothermic machine preservation of large DBD liver grafts is	
	review and meta-analysis of diagnostic test accuracy (DTA) studies – <i>Dinarda Nadobudskaya (V)</i>	Nurse-led and outreach clinics – Li	z Mowlem	associated with early allograft dysfunction – <b>Angus Hann CW06:</b> Infection incidence and antibiotic pharmacokinetics during ex situ	
	O13: Investigating outcomes in the use of increased risk			normothermic machine perfusion of deceased donor livers -Muhammad	
	donor organs in paediatric solid-organ transplantation: a systematic review – <b>Sruthi Kallath</b>	Advanced nurse practitioner HPB of transplant – <i>Katie McGoohan</i>	and live donor	Saeed Qureshi	
	O14: Molecular HLA mismatching for prediction of	Transplain Rule McGoolan			
	primary humoral alloimmunity and graft function	From registered nurse to pHD - Cat	thy Miller		
	deterioration in paediatric kidney transplantation – <b>Jon Jin Kim</b>	Summany & Class Katis Made			
	O15: Kidney graft outcomes following paediatric blood	Summary & Close – Katie Morley			
	group incompatible transplantation – a comparative study using UNOS database analysis – <i>Nicos Kessaris</i>				
	21003 03119 01403 database analysis – Micos Ressails				



			Pentland		
15:40-16:30	Chiesi Limited - Indust	ry sponsored symposium		Chinai	
	Climate Crisis; Rewritir	a History		<b>⇔</b> Chiesi	
		Institute of Transplantation, Newcastle			
	Professor Hugh Montg	•			
	Dr Mark Harber, Royal				
16:30-17:00	Refreshment break				
	Meet the authors				
	Posters P118-P139 Pentland & Fintry				
17:00-17:40	•	ving Long, Living with Hope			
17.00 17.40	Chairs: Dale Gardiner				
		of two transplant recipients and a donor mum. Con from their contrasting perspectives.	ne and listen to how their personal experience of	organ donation and transplantation allows them to look	
	Introduction – <b>Dale Go</b>	e, .			
		n – 4 years post heart transplant			
	Ross Monteith – liver re	cipient			
	Vicki Caldwell - Donor Family				
17 40 10 00	Closing remarks – Anti		1.19		
17:40-18:30	The 3 <sup>rd</sup> UK Awards for Excellence in Organ and Tissue Donation and Transplantation				
	Exceptional Cli Excellence in D Excellence in E Exceptional Ore Excellence in D Exceptional Pro Excellence in C	gan Donation Committee elivering Transplantation motional Initiative rgan and Tissue Retrieval novation or Research lunteer	e donalion and transplantation community.		
	Award Presenters	Category Hosts			
	Anthony Clarkson	Krish Menon			
	Lisa Burnapp	Jay Patel			
		Dale Gardiner			
	Special Guest Performe The Black Living Donor  BLACK LIVING				
	DONOR CHOIR Voice of The Community				



18:30	Congress close
20:00-00:00	Gala Dinner – The Edinburgh Suite, Sheraton Hotel
	"A gala evening with a Scottish flare"



## Friday 3 March

08:30-09:45	Pentland	Fintry	Sidlow
08:30-09:45	Ethics symposium Chairs: Matthew Wellberry-Smith & Stephen Bond	Basic Science Oral Presentations Chairs: Gavin Pettigrew & Arthi Anand	Organ retrieval & perfusion technology Chairs: Jas Parmar & Shahid Farid
	Current situation in Xenotransplantation - Jayme Locke  Ethical Issues in Xenotransplantation - an Introduction - Michael Gusmano  Xenotransplantation - Ethics, public perception, and policy Panel discussion with Q&A  Panellists: Sara Fovargue, Claire Williment, Anthony Wrigley, Anthony Dorling, Amanda Gibbon & Antonia Cronin	O16: Enzymatic conversion of human blood group A kidneys to universal blood group O – Serena MacMillan O17: Interactions between pregnancy, sex, and early rejection determine long-term graft survival in HLA antibody incompatible (AiT) renal transplantation – David Briggs O18: Desensitization and belatacept-based maintenance therapy in pregnancy sensitized monkeys receiving a kidney transplant – Miriam Manook O19: Targeting mitochondrial metabolism to treat ischaemia reperfusion injury using translational models of kidney transplantation – Margaret Huang O20: Removal of circulating nucleosomes/neutrophil extracellular traps (NETs) reduces ex-situ reperfusion injury in porcine DCD livers preserved with normothermic machine perfusion (NMP) – Hussain Abbas O21: Impaired oxygen release kinetics compromise the ability of stored red cells to oxygenate tissue during normothermic machine perfusion of the kidney – Richard	Heart beating but struggling to breathe in the UK: Addressing the Challenges - Marcelo Cyper & Hassiba Smail Q&A: Jas Parmar, Marius Berman, Hassiba Smail  O22: UK Clinicians' experiences of heart and lung utilisation decision making – Gillian Hardman  Traversing the Information Highway in Organ Retrieval – Marius Berman & Chris Johnstone Q&A: Marius Berman, Chris Johnstone, Shahid Farid, Ian Currie
		Dumbill	
	Chair: Professor Lorna Marson, Royal Infirmary of Edinburgh		
10:40-11:20	Dr Adnan Sharif, University Hospitals, Birmingham Dr Mark Harber, Royal Free Hospital, London  Refreshment break/Breakfast		Takeda
10:40-11:20	Dr Adnan Sharif, University Hospitals, Birmingham Dr Mark Harber, Royal Free Hospital, London	Fintry	Sidlow



	O28: Pancreatic Graft Loss after Simultaneous Pancreas Kidney (SPK) Transplant within First 90 Days. Predictors beyond the Surgical Cause. A UNOS/OPTN Data Analysis – Hemant Sharma O29: All ECD kidneys are equal but are some more equal than others? A population-cohort analysis of UK Transplant Registry data – Anna Brotherton		
12:45-13:30	The Organ Utilisation Group Recommendations		
	Professor Sir Stephen Powis		
13:30	Wrap & close - Lisa Burnapp, Dale Gardiner, Krish Menon		
14:00	Congress close		
	Depart with packed lunch		