

BTS Annual Congress 2020  
 “It’s good to talk: collaboration in transplantation”

Wednesday 4<sup>th</sup> March 2020

Time	Programme		
08:30-10:00	<b>Chairs: Reena Ravikumar &amp; Peter Friend</b> BTS Dragons’ Den: clinical trials and research for trainees in transplantation ( <i>with pre-registration only – meeting room 1a</i> ) <a href="http://www.BTSDragonsDen.co.uk">http://www.BTSDragonsDen.co.uk</a>		
09:15-10:15	Registration and refreshments		
	Hall 2		
10:15-10:30	<b>Chairs: Steve Wigmore &amp; Lisa Burnapp</b> Welcome to Belfast <b>Mary Jo McCanny, Director of Visitor Servicing, Visit Belfast</b>		
10:30-12:00	<b>NHSBT opening session</b> Overview of organ donation and transplantation – <b>Rachel Johnson</b> Organ donation trends and an update on opt-out – <b>Sue Madden</b> Organ retrieval – what’s new? – <b>Becca Curtis</b> Early impact of the 2019 Kidney Offering Scheme – <b>Lisa Mumford</b> Impact of the 2018 elective DBD Liver Offering Scheme – <b>Rhiannon Taylor</b> Lung donation and transplantation – <b>Lisa Mumford</b> A new UK strategy for organ donation and transplantation – <b>Anthony Clarkson</b>		
12:00-12:30	<b>Keynote lecture:</b> Teamworking and human factors <b>Steve Yule, Professor of Behavioural Science, University of Edinburgh</b>		
12:30-14:00	Lunch and exhibition viewing		
13:00-13:50	BTS Annual General Meeting (members only)		
	Hall 2	Hall 1D	Studio
	Educational symposia		
14:00-16:00	<p style="text-align: center;"><b>Collaborative research</b>  <b>Chairs: Sian Griffin &amp; Simon Knight</b></p> <p style="text-align: center;">Cooperation and collaboration in an (inter)national context  <b>Rutger Ploeg, Oxford</b></p> <p style="text-align: center;">Clinical collaborative research: setting up a multi-centre clinical trial  <b>Michelle Willicombe, London</b></p> <p style="text-align: center;">Scientific collaborative research  <b>Claire Sharpe, London</b></p> <p style="text-align: center;">Collaboration to speed translation  <b>Candice Roufosse, London</b></p> <p style="text-align: center;">Collaboration with patients  <b>Emma Massey, Rotterdam Transplant Group</b></p> <p style="text-align: center;">Q&amp;A</p>	<p style="text-align: center;"><b>Organisational &amp; systems collaboration</b>  <b>Chairs: Nizam Mamode &amp; Lisa Burnapp</b></p> <p style="text-align: center;">Clinical networks and collaboratives: fact or fiction?  <b>Sanjay Sinha, Oxford, Deb Roy &amp; James Hunter, Coventry</b></p> <p style="text-align: center;">London Transplant Collaborative  <b>Gareth Jones, London</b></p> <p style="text-align: center;">Q&amp;A</p> <p style="text-align: center;">Sharing living kidneys: what difference does it make?                      What does the data tell us?  <b>Matthew Robb, Bristol</b></p> <p style="text-align: center;">Expert panel discussion: what can we do better in the UKLKSS?  <b>Jelena Stojanovic, Bob Wiggins, Aisling Courtney, Lisa Silas, Keith Graetz, Matthew Robb</b></p>	<p style="text-align: center;"><b>Clinical MDT collaboration</b>  <b>Chairs: Rachel Hilton &amp; Jen Lumsdaine</b></p> <p style="text-align: center;">Developing a framework for HCV+ deceased organ donation  <b>Sarah Browne, Cardiff</b></p> <p style="text-align: center;">The role of the MDT in evaluating the complex liver transplant candidate                      – case based discussion  <b>Rosanne Bate, Edinburgh</b></p> <p style="text-align: center;">The complex immunology MDT: creating transplant opportunities for the ‘problem’ patient  <b>Brendan Clark, Leeds</b></p> <p style="text-align: center;">MDT engagement for combined liver-kidney transplantation  <b>Sapna Shah, London</b></p> <p style="text-align: center;">The role of the MDT in evaluating the complex heart-lung transplant candidate – case based discussion  <b>Katie Morley, Cambridge</b></p>

16:00-16:30	<b>Refreshment break</b>
16:05-16:25	<b>Meet the authors (unmoderated): posters P39-P72</b>
<b>Hall 2</b>	
16:30-17:15	<b>Industry sponsored symposium</b> <b>Matching donors and recipients: are we there yet?</b> <i>Chair: Professor John Forsythe, NHSBT</i>  This symposium will explore various organ offering schemes in the UK, followed by a panel discussion regarding current concerns and future improvements to these schemes <b>Professor Derek Manas, Newcastle; Mr Frank Dor, London; Mr Stephen Large, Cambridge; Dr Alexander Gimson, Cambridge; Dr Diana Wu, Edinburgh; Ms Fiona Loud, Kidney Care UK</b>
17:20-18:30	<b>Chairs: Colin Wilson &amp; Jennifer McCaughan</b> <b>7 of the Best oral presentations</b>  <b>O1:</b> Recipient age - not donor age: impacts on long term outcomes following heart transplantation: a 23-year national analysis from the United Kingdom – <b>Jason Ali</b> <b>O2:</b> Assessment of cerebral perfusion and activity during normothermic regional perfusion in a porcine model of donation after circulatory death - <b>Arnaud Romeo Mbadjeu Hondjeu</b> <b>O3:</b> Mental health after unspecified anonymous living kidney donation: the MEGA study – <b>Emma Massey</b> <b>O4:</b> Survey of views & attitudes towards organ donation in the UK Jewish community – <b>Mark Wittenberg &amp; Eddie Hammerman</b> <b>O5:</b> The impact of cold ischaemia time on living donor kidney transplantation outcomes in kidney paired exchange – <b>Frank Dor</b> <b>O6:</b> DCD outcomes after normothermic liver perfusion – <b>David Nasralla</b> <b>O7:</b> End-hypothermic machine perfusion with oxygenation after static cold storage versus static cold storage alone in ECD kidneys from donation after brain death donors: results of a prospective international randomised controlled trial in kidney transplantation – <b>Catherine Boffa</b>
18:30-19:15	<b>Moderated poster session</b> <b>Posters P001-P037</b>
18:45-20:15	<b>Welcome reception</b>



**Thursday 5<sup>th</sup> March**

<b>Hall 2</b>			
07:45-09:15	<b>MDT Plenary</b> <b>Chairs: Stephen Large &amp; Dominic Summers</b> Case presentations Liver transplantation – <b>Varuna Aluvihare, London</b> Paediatric – <b>Jan Dudley, Bristol</b> Heart & lung transplantation – <b>Jasvir Parmar, Cambridge</b> Transplant-urology – <b>Jonathon Olsburgh, London</b> <b>Panel: Pauline Haslett, Petrut Gogalniceanu, Jason Ali, Matthew Bottomley</b>		
	<b>Hall 2</b>	<b>Hall 1D</b>	<b>Studio</b>
09:20-10:30	<b>Clinical oral presentations</b> <b>Chairs: Aisling Courtney &amp; Bimbi Fernando</b>  <b>O8:</b> Evaluation of a home-based education initiative to overcome barriers to living donor kidney transplantation (LDKT) – Renal Education and Choices @ Home (REACH) – <b>Orla Hobson</b> <b>O9:</b> The impact of increasing lung donor age criteria on UK lung utilisation – <b>Gillian Hardman</b> <b>O10:</b> Evaluating the usefulness of the incompatible pairs tool in predicting transplantation via the UK Living Kidney Sharing Scheme (UKLKSS) - <b>Éadaoin Hannon</b> <b>O11:</b> Prophylactic eculizumab treatment significantly improves renal allograft survival in patients with atypical haemolytic	<b>BTS/BLTG: combined liver/kidney session</b> <b>Chairs: Krish Menon &amp; Gareth Jones</b>  Hepato-renal syndrome (HRS) or intrinsic kidney disease: making the call! <b>Richard Baker, Leeds</b>  Polycystic liver and kidney disease: indications for transplant and decision making on simultaneous versus sequential - <b>Nigel Heaton, London</b>  Liver alone, simultaneous (liver+ kidney) and sequential transplantation: what does the data say? <b>Joanna Leithead, Cambridge</b>  Case presentation – <b>Jessica Dyson, Newcastle</b>	<b>Basic science oral presentations</b> <b>Chairs: Anthony Dorling &amp; Emily Thompson</b>  <b>O15:</b> The Matrix ‘revelations’ – <b>Charlotte Brown</b> <b>O16:</b> Nanostring analysis for the diagnosis of antibody-mediated rejection in renal transplant biopsies – <b>Jack Beadle</b> <b>O17:</b> Use of RT-qPCR for diagnosis of antibody-mediated rejection in renal transplant biopsies – <b>Candice Roufosse</b> <b>O18:</b> The fibrinolytic cascade is activated by renal ischaemia reperfusion injury in human kidneys – <b>Nina Jordan</b> <b>O19:</b> Inhibition of NLRP3 inflammasome derived interleukin 1 $\beta$ during normothermic machine perfusion of human kidneys – <b>Jenna DiRito</b> <b>O20:</b> Kidneys from AKI donors with poor long-term outcomes present an impaired protein expression for cellular stress and repair – <b>Flavia Neri</b>



*This meeting has been supported by pharmaceutical companies by way of exhibition stand space and sponsorship which is limited to funding the educational content of the meeting.*



	<p>uremic syndrome compared with historic controls – <b>Emily Glover</b></p> <p><b>O12:</b> Modelling patient outcomes after listing for deceased donor kidney transplantation in the UK: a novel technique – <b>Maria Ibrahim</b></p> <p><b>O13:</b> Patients with a crossmatch negative DSA positive living donor should not wait for a compatible deceased donor, in the absence of other living donor options - <b>Gaetano Lucisano</b></p> <p><b>O14:</b> Outcomes of pregnancy in simultaneous pancreas and kidney (SPK) transplant recipients: a single-centre experience – <b>Sai Rithin Punjala</b></p>	<p>Panel discussion: <b>Gareth Jones, Johnny Cash, Richard Baker, Abid Suddle &amp; Nigel Heaton</b></p>	<p><b>O21:</b> Defining cell-enriched microRNAs to support rational biomarker selection in human renal transplantation – <b>Katie Connor</b></p>
10:30-11:00	<b>Refreshment break</b>		
10:35-10:55	<b>Posters presented: meet the authors (unmoderated): posters P73-P112 &amp; P177</b>		
<b>Hall 2</b>			
11:00-13:00	<p><b>Medawar Medal presentations</b></p> <p><b>Chairs: Steve Wigmore &amp; Lisa Burnapp</b></p> <p>In recognition of Peter Medawar the “father” of transplantation immunology, and founding society chairman, the society awards two prestigious medals at each annual congress to the young doctors/scientists presenting the best clinical and scientific papers</p> <p><b>M1:</b> Transcriptional assessment of human kidneys undergoing machine perfusion reveals potential benefits of haemoadsorption, reducing the expression of a gene signature associated with delayed graft function – <b>John Ferdinand</b></p> <p><b>M2:</b> Risk stratification in antibody incompatible kidney transplantation: can aggressive rejection be avoided? <b>Sai Rithin Punjala</b></p> <p><b>M3:</b> Thrombin fine tunes innate immune cell function in models of localised antigen – <b>Hannah Wilkinson</b></p> <p><b>M4:</b> Outcomes of livers from circulatory death donors: static cold storage vs in situ normothermic regional perfusion vs ex situ normothermic machine perfusion – <b>Rohit Gaurav</b></p> <p><b>M5:</b> NMP as a platform for the delivery of thrombolytic agents to clear the microcirculation of human kidneys – <b>Jenna DiRito</b></p> <p><b>M6:</b> Normothermic machine perfusion of the liver to enable transplantation in difficult recipients (NAPLES) – <b>Siobhan McKay</b></p> <p><b>M7:</b> Modelling the effects of IL-1<math>\beta</math>-mediated inflammation using ex vivo lung perfusion – <b>Thomas Pither</b></p> <p><b>M8:</b> Comparison of metabolic outcomes after pancreas transplantation between DBD (donors after brainstem death) and DCD (donors after circulatory death) grafts – <b>Jeevan Prakash Gopal</b></p>	<p><b>Interlocutors</b></p> <p><i>Candice Roufosse</i></p> <p><i>Nithia Krishna</i></p> <p><i>Lorna Marson</i></p> <p><i>Ian Currie</i></p> <p><i>James McDaid</i></p> <p><i>Krish Menon</i></p> <p><i>Sian Griffin</i></p> <p><i>Peter Friend</i></p>	
13:00-13:45	<b>Lunch and exhibition viewing</b>		
	<b>Hall 2</b>	<b>Hall 1D</b>	<b>Studio</b>
13:45-15:20	<p><b>Best practice – kidney: Deceased donor organ offers</b></p> <p><b>Chairs: Rachel Hilton &amp; Tim Brown</b></p> <p>Case presentations: would you use this kidney? <b>Nicholas Torpey, Gareth Jones &amp; David van Dellen</b></p> <p>Cancer in deceased organ donors - <b>Chris Watson, Cambridge</b></p> <p>The multi-morbid donor – <b>Liam Plant, Cork</b></p> <p>Is transplantation always better for the older person? <b>Edwina Brown, London</b></p> <p><b>O22:</b> Transmission of infection of donor origin in deceased organ donation: the evolving UK practice – <b>Ines Ushiro-Lumb</b></p> <p><b>O23:</b> The effect of a second period of cold ischaemia after normothermic machine perfusion (NMP) in donation after circulatory death (DCD) kidney transplantation – <b>Tegwen Elliott</b></p>	<p><b>Best practice – liver: Death with a functioning graft – how to avoid it!</b></p> <p><b>Chairs: Derek Manas &amp; Anya Adair</b></p> <p>Cancer – <b>Rebecca Jones, Leeds</b></p> <p>Cardiovascular risk in liver transplantation – the heart of the matter – <b>Steve Masson, Newcastle</b></p> <p>Life style – <b>Matt Armstrong, Birmingham</b></p> <p>Debate: The house believes that liver transplantation using extended criteria grafts is a surgical decision</p> <p><b>For: Ian Currie, Edinburgh</b></p> <p><b>Against: Rachel Westbrook, London</b></p> <p>Best practice immunosuppression: minimising immunisation protocols for liver transplant recipients – <b>Varuna Aluvihare, London</b></p> <p>Q&amp;A</p>	<p><b>Best practice – pancreas &amp; islets</b></p> <p><b>Chairs: Chris Callaghan &amp; Isabel Quiroga</b></p> <p>An overview of islet transplantation in the UK: are we achieving best practise? <b>Paul Johnson, Oxford</b></p> <p>Simultaneous islet and kidney transplantation: state of the art – <b>Thierry Berney</b></p> <p>Debate: This house believes that higher volume pancreas transplant centres are best for patients</p> <p><b>For: Sanjay Sinha, Oxford</b></p> <p><b>Against: Colin Wilson, Newcastle</b></p>

Hall 2			
15:25-16:10	<b>Industry sponsored symposium</b> <b>How can we achieve optimum outcomes for highly sensitised kidney transplant candidates?</b> <i>Chair: Nizam Mamode, London</i>  Despite advances, highly sensitised kidney candidates remain underserved by current organ allocation systems. HLA-incompatible transplantation after desensitisation may be a valid option for such patients, but should it be a treatment of choice or last resort? During the symposium we will explore new approaches to desensitisation for these highly sensitised candidates. <i>David Briggs, Birmingham; Anthony Dorling, London</i>		
16:15-16:50	<b>Refreshment break</b>		
16:20-16:40	<b>Posters presented: meet the authors (unmoderated): posters P113-P152 , P71, P91</b>		
	Hall 2	Hall 1D	Studio
16:50-18:05	<b>Ethics &amp; psychosocial oral presentations</b> <i>Chairs: Jan Dudley &amp; Matthew Welberry Smith</i>  <b>O24:</b> Saving the planet: reorganising renal transplant follow-up – <b>Sara Williams</b> <b>O25:</b> Transplant recipient coordinators: burnout vs job satisfaction – <b>Stephen Bond</b> <b>O26:</b> Understanding patients and family views, preferences and expectations when being asked to consider accepting a Hepatitis C infected kidney for organ donation – <b>Leah McLaughlin</b> <b>O27:</b> Bridging the gap between donor families and recipients in the letter writing process – <b>Katie Morley</b> <b>O28:</b> Deconstructing fear-backstage theatre tours for children and families waiting for transplant – <b>Sarah Regan</b> <b>O29:</b> Organ donation education in schools significantly increases organ donor registration, knowledge, and family discussion – <b>Matthew Byrne</b>	<b>Calne Williams medal presentations</b> <i>Chairs: Krish Menon &amp; Varuna Aluvihare</i>  <b>CW1:</b> The relationship between Cardiopulmonary Exercise Testing (CPET) and muscle volume in liver transplant candidates – <b>Ben Fox</b> <b>CW2:</b> WITHDRAWN <b>CW3:</b> Time-trends in patient mortality and graft survival of patients receiving a DCD or DBD liver transplantation in the UK and Ireland between 2008 and 2016 – <b>David Wallace</b> <b>CW4:</b> Early anastomotic biliary complications after liver transplantation – <b>Samuel Tingle</b> <b>CW5:</b> Artificial intelligence more accurately predicts individual graft survival than traditional modelling: artificial intelligence and liver transplant (AI4T) – <b>Laura Wingfield</b> <b>CW6:</b> Physical frailty predicts liver transplant waiting list mortality: United Kingdom experience – <b>Felicity Williams</b>	<b>Basic science: New frontiers in immunomodulation in transplantation</b> <i>Chairs: Gavin Pettigrew &amp; Olivia Shaw</i>  Using CAR-T cells – <b>Hans Stauss, London</b> Modulating immunometabolism - <b>David Finlay, Dublin</b> Human Cell Atlas - relevance to transplantation? <b>Menna Clatworthy, Cambridge</b>  <b>O30:</b> Identification of novel drugs that mimic ischaemic preconditioning in the treatment of kidney ischaemia reperfusion injury – <b>Usman Khalid</b> <b>O31:</b> The role of microRNA-214 in renal ischaemia reperfusion injury and fibrosis – <b>Victoria Banwell</b>
18:05	<b>Congress close</b>		
19:30	<b>BTS Gala Dinner</b> <b>Belfast City Hall</b>		



### Friday 6<sup>th</sup> March

	Hall2	Hall 1D	Studio
08:30-10:30	<b>Ethics symposium: Ethical decision-making in the MDM: the MDM as ethics committee</b> <i>Chairs: Refik Gokmen &amp; David van Dellen</i>  Ethical issues in the transplant listing MDM - <b>Liam Plant, Cork</b> Difficult decision-making in paediatrics - <b>Joe Brierley, London</b> Making the case: how we construct decisions - <b>Rob Elias, London</b>  <b>O32:</b> Identification and management of barriers to adherence in kidney transplant patients: The role of psychological assessment and personalised intervention – <b>Jeff Cove</b> <b>O33:</b> What are the implications of patient's donor choice on the likelihood of receiving a combined kidney and pancreas (SPK) transplant? – <b>Gail Defries</b>	<b>Clinical trials forum: UK donation &amp; transplantation research network</b> <i>Chairs: Michelle Willicombe &amp; Lorna Marson</i>  <b>Research network leads: activity, aims and future plans</b> Donation and donor management – <b>Dan Harvey, Nottingham</b> Organ Utilisation and Optimisation – <b>Steve Wigmore, Edinburgh</b> Surgical technologies and peri-operative interventions increasing transplant longevity – <b>Hannah Maple, London</b> Improving long-term patient survival and patient outcomes – <b>Siân Griffin, Cardiff</b>  Dragon's Den: clinical trials and research for trainees in transplantation - winning trainee	<b>Chapter of surgeons: Obesity in transplantation</b> <i>Chairs: Nizam Mamode &amp; Hussein Khambalia</i>  Transplanting the obese liver recipient- modifying risk factors and operative considerations – <b>Francesco Rubino, London</b> Bariatric surgery and transplantation: before, after or not at all - <b>Tayyab S Diwan, Cincinatti</b> The place of robotic surgery in the obese donor and recipient - <b>Ioannis Loukopoulos, London</b>  Debate: There should be no cut off for BMI in renal transplant recipients. <b>For: Neal Banga, London</b> <b>Against: Simon Knight, Oxford</b>



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		<b>O34:</b> Prophylaxis of wound infections - antibiotics in renal donation (powar): a multicentre UK double blinded placebo controlled randomised controlled trial – <b>Zubir Ahmed</b>	<b>O35:</b> A validated simulation training model for robotic-assisted kidney transplantation – <b>Uzo Uwechue</b> <b>O36:</b> Is seeing believing? Automated, AI-driven image analysis to assess donor pancreata organ quality at the point of retrieval – <b>Pierre Ezuma</b>
10:30-11:10	<b>Refreshment break</b>		
10:35-11:00	<b>Posters presented: meet the authors (unmoderated): posters P153-P178</b>		
	<b>Hall2</b>		
11:15-13:30	<b>Horizon scanning</b> <i>Chairs: Lisa Burnapp &amp; Jas Parmar</i>  A view from on high – insights from extreme altitude - <i>Chris Imray, Coventry</i> EVLP- breathing life into lung transplantation - <i>Karen Redmond, Dublin</i> How can we create a sustainable future for transplantation in the UK? <i>Steve Powis, NHS England</i> <b>Panel discussion: Sustainability</b> <i>Karen Redmond, Bob Wiggins, John Forsythe, Steve Powis, Andrea Devaney, Dominic Summers</i>		
13:30-13:45	<b>Congress close</b> <b>Depart with packed lunch</b>		