

2024 TSANZ Annual Scientific Meeting

Melbourne Convention and Exhibition Centre

Program - June 16-18

Sunday 16 June

13.30-15.00	Registration	
12.30-14.30	Transplant Australia Patient Forum	
15.10-15.20	Welcome Ceremony	
15.20-15.30	Official Opening: TSANZ President	Prof Kate Wyburn
15.30-16.00	Plenary 1: Astellas Sponsored Session Evolving diagnostics for the allograft biopsy: from gene expression to artificial intelligence algorithms Chair: Prof Kate Wyburn	Alexandre Loupy
16.00-16.20	Ian McKenzie Award Lecture: Lessons learnt using preclinical model of liver, kidney and heart transplantation Chair: Prof Kate Wyburn	Michaela Lucas
1620-1650 Afternoon Tea		
1650-1750	Free Communications 1: Immunological Complications of Transplantation Chairs: Steve Chadban and Griffith Perkins * AN RCT OF INTRAVENOUS IMMUNOGLOBULIN (IVIG) VS STANDARD CARE IN CHRONIC ANTIBODY MEDIATED KIDNEY ALLOGRAFT REJECTION-VIPAR * ABO INCOMPATIBLE KIDNEY TRANSPLANTS HAVE MORE EARLY REJECTION BUT COMPARABLE LONG-TERM GRAFT SURVIVAL: ANZDATA ANALYSIS * MEMORY B CELLS, T-FOLLICULAR HELPER & T-REGULATORY-1 CELLS IN KIDNEY TRANSPLANT RECIPIENTS WITH ANTIBODY-MEDIATED REJECTION	A/Professor William Mulley Dr Georgina Laura Irish Miss Kayla Singleton
	Free Communications 2: Machine Perfusion - Part 1 Chairs: Graham Starkey and Calvin Peng * HYPOTHERMIC OXYGENATED MACHINE PERFUSION REDUCES INCIDENCE OF NON-ANASTOMOTIC BILIARY STRICTURES IN DCD LIVER TRANSPLANTS * IS EX-SITU NORMOTHERMIC MACHINE PERFUSION THE NEXT STEP IN PAEDIATRIC LIVER TRANSPLANTATION? * Developing A Normothermic Regional Perfusion Service: The Early Learning Experience * ESTABLISHMENT OF EX VIVO NORMOTHERMIC MACHINE PERFUSION TO SUPPORT ASSESSMENT AND UTILISATION OF MARGINAL DONOR KIDNEYS	Mr James Clement Walcott Dr Anita Niu Dr Arul Suthanathan Mr Qi Rui Soh
1650-1750	Free Communications 3: Donation and Organ Donors Chairs: Bronwyn Levvey and Helen Opdam * POTENTIAL DONOR FAMILIES BEHAVIOUR AND EXPERIENCES FOLLOWING THE ORGAN DONATION DEEMED CONSENT ACT 2019 IN ENGLAND. * A REVIEW OF DELAYED GRAFT FUNCTION in ANZKX PROGRAM 2021-2023: IMPACT OF ISCHAEMIA TIMES ON TRANS TASMAN EXCHANGES * ADVANCED DONOR AGE DOES NOT IMPACT GRAFT SURVIVAL IN A LARGE SINGLE CENTRE LUNG TRANSPLANT COHORT * KIDNEY TRANSPLANTATION OUTCOMES FROM UNCONTROLLED DONATION AFTER CIRCULATORY DEATH: A SYSTEMATIC REVIEW AND META-ANALYSIS	Dr Leah Mc Laughlin Dr Stella McGinn Dr Andrei Darie Mr Hugh Schroder

1650-1750	<p>Mini Orals: Session 1: Mixture of Clinical and Basic Science</p> <p>Chairs: Siah Kim and Sia Pefanis</p> <ul style="list-style-type: none"> * Sublingual microcirculation and Frailty: Insights from Kidney Transplant Candidates * HIGH RESOLUTION GENOMIC HLA TYPING IN DECEASED DONOR KIDNEY TRANSPLANTATION * GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONISTS FOR WEIGHT LOSS IN HEART FAILURE PATIENTS CONSIDERED FOR HEART TRANSPLANTATION. * Access to kidney transplant waitlisting for patients with mental illness * CHANGES IN B CELL PHENOTYPES IN PERIPHERAL BLOOD OF PATIENTS WITH LONG-SURVIVING RENAL TRANSPLANT. * EXAMINATION OF SUBSETS OF CD4+ LYMPHOCYTE SUBPOPULATIONS IN PATIENTS WITH LONG SURVIVING RENAL TRANSPLANT * GENETIC TESTING SHOWS HIGH FREQUENCY OF MENDELIAN DISORDERS IN PAEDIATRIC KIDNEY TRANSPLANT RECIPIENTS * THE ROLE OF TISSUE TYPING AND ANTIBODY ASSESSMENT IN FACILITATING AUSTRALIA'S FIRST UTERUS TRANSPLANT AND LIVE BIRTH * FRAILTY PREDICTS UNPLANNED ADMISSIONS FOR LIVER TRANSPLANT CANDIDATES. * Carbapenemase- producing Enterobacterales (CPE): an increasing threat to Australian liver transplant recipients * Early experience with hypothermic oxygenated machine perfusion in kidney transplantation 	<p>Ryan Homes</p> <p>Mr Zhan Lim</p> <p>Mr Sambavan Jeyakumar</p> <p>Mr Andrew Brodzeli Miss Ranje Al-atiyah</p> <p>Miss Ranje Al-atiyah</p> <p>Miss Ananya Deshpande</p> <p>Mr Keerthi Thamothersampillai Heidi Johnston Dinuli Kamaladasa</p> <p>Dr SelvinTheodore Jayanth Daniel Ezhilarasu</p>
1750-1810	<p>TTS - Women in Transplantation Session</p> <p>Chair: Kate Wyburn</p>	Dr Gomathy Narasimhan
1810-1830		Assistant Minister Ged Kearney
1830-1930	<p>Welcome Reception</p>	

Monday 17 June		
0615-0715	Fun Run/Walk (5km)	
0730-0800	Coffee with Sponsors	
	Plenary 2: Joint TSANZ/OTA/ADTCA Session Theme: Expanding the donor pool Chairs: Tanya McWilliams and Basu Gopal	
0800-0940	0800-0810 "Opportunities for Australia to expand donation: insights from international practice"	Helen Opdam
	0810-0840 Improving organ utilization with in situ normothermic regional perfusion in donation after circulatory death	Gabriel Oniscu
	0840-0900 Legal and Ethical complexities of postmortem interventions for donation	Dominique Martin
	0900-0920 Expanding Living Kidney Donation in Australia: barriers, opportunities and the next steps we need to take	Christine Russell
	0920-0940 Donation after Voluntary Assisted Death	Rohit D'Costa Donate Life Victoria
0940-1040	Free Communications 4: Sex, Gender and Transplantation Chairs: Nicole Gaffney and Ali Graver * PREGNANCY AFTER KIDNEY TRANSPLANTATION: GLOBAL INSIGHTS BASED ON REGISTRY DATA FROM THREE CONTINENTS * Sex Differences In Hospital Utilisation After Living Kidney Donation * SEX DIFFERENCES IN RELATIVE CANCER SURVIVAL IN KIDNEY TRANSPLANT RECIPIENTS: A BI-NATIONAL STUDY, 1980-2019 * SEX DIFFERENCES IN CARDIOVASCULAR RISK AND KIDNEY FUNCTION: SERUM CREATININE VERSUS CYSTATIN C	A/Professor Shilpanjali Jesudason Dr Adrienne Cohen Dr Brenda Maria Rosales Mr James Hedley
	Free Communications 5: Clinical Aspects of Liver and Pancreas Transplantation Chairs: Bill Mulley and Amanda Robertson * THE IMPACT OF ISCHAEMIC TYPE BILIARY LESIONS ON HEALTH UTILITY AFTER DCD LIVER TRANSPLANTATION * STATUS OF LIVER TRANSPLANTATION FOR CHOLANGIOCARCINOMA AND MIXED-TYPE HEPATOCELLULAR CARCINOMA IN ANZ (COMIT-ANZ) * THE EVOLUTION OF LATE LIVER RETRANSPLANTATION * 30 years of history, evolution, and surgical outcomes of pancreas transplants in a single Australian centre	Arul Suthanathan Dr Georgina Ellen Riddiough Dr Angus Hann Dr David Sien Chin Soon
0940-1040	Free Communications 6: Organ Preservation Chairs: John Whitlam and Natasha Rogers * IMPROVED RECOVERY OF RAT HEARTS AFTER COLD STORAGE BY ACID SENSING ION CHANNEL INHIBITOR HI1A VARIES WITH PRESERVATION SOLUTION. * TRANSCRIPTOMICS CHANGES AS A MARKER OF LIVER TRANSPLANT VIABILITY DURING NORMOTHERMIC PERFUSION * INSIGHTS FROM INTEGRATED MULTIOMICS SHOW SPONTANEOUS LIVER DEFATTING DURING LONG-TERM NORMOTHERMIC MACHINE PERFUSION * IMPROVING DONOR HEART PRESERVATION WITH FUNNEL WEB SPIDER VENOM AND THE ANTI-DIABETIC DRUG EMPAGLIFLOZIN.	Dr Sanjay Dutta Dr Solal Chauquet Dr Anita Niu Dr Jeanette Villanueva

0940-1040	<p>Mini Orals: Session 2 Mixture of Clinical and Basic Science Chairs: Lucy Sullivan and Greg Snell</p> <ul style="list-style-type: none"> * EVALUATING THE POTENTIAL OF M101 AS A NOVEL OXYGEN CARRIER PRODUCTION IN LIVER GRAFT PRESERVATION * TREATMENT WITH A SPECIFIC INHIBITOR OF THE COMPLEMENT LECTIN PATHWAY PROTECTS AGAINST RENAL ISCHEMIA-REPERFUSION INJURY IN MICE * RENAL OUTCOMES OF NRP-DCD RECIPIENTS IN THE IMMEDIATE POST-OPERATIVE PERIOD: A COMPARISON WITH MATCHED DCD-SCS RECIPIENTS * SHORT COURSE TOTAL LYMPHOID IRRADIATION POST HEART TRANSPLANT FOR RECALCITRANT REJECTION - A SINGLE CENTRE EXPERIENCE * GIVING YOUNG PEOPLE THE RESOURCES THEY NEED TO MAKE DECISIONS SURROUNDING ORGAN AND TISSUE DONATION * INFECTION TRANSMISSION RISK FROM KIDNEY DONORS WITH ACTIVE HEPATITIS B: A SYSTEMATIC REVIEW AND META ANALYSIS OF OBSERVATIONAL DATA * PRE-TRANSPLANT ANGIOTENSIN TYPE I RECEPTOR ANTIBODIES ARE ASSOCIATED WITH ACUTE KIDNEY INJURY POST-LUNG TRANSPLANT * DYNAMIC OF ANGIOTENSIN TYPE I RECEPTOR ANTIBODIES IS ASSOCIATED WITH POOR GRAFT FUNCTION FOLLOWING LUNG TRANSPLANT * NEPHROLOGIST VIEWS ON DECEASED DONOR KIDNEY TRANSPLANT OFFER PROCESSES: A QUALITATIVE STUDY * THE IMPACT OF DONOR AND RECIPIENT DIABETES ON PATIENT AND GRAFT SURVIVAL IN RENAL TRANSPLANT RECIPIENTS * SKIN CANCER MORTALITY IN KIDNEY TRANSPLANT RECIPIENTS: AN AUSTRALIAN COHORT STUDY USING LINKED HEALTH DATA, 1980-2019 	<p>Dr Louise Barbier</p> <p>Dr Anjan Kumar Bongoni</p> <p>Dr Ash Shekhar</p> <p>Dr Felicity Lee</p> <p>Dr Brooke Maree Huuskes</p> <p>Dr Karen Waller</p> <p>Dr Andrei Darie</p> <p>Dr Andrei Darie</p> <p>Dr Alison Weightman</p> <p>Dr Alessandra Orsillo</p> <p>Dana Forcey</p>
1040-1110	Morning Tea + Poster Viewing	
1110-1250	<p>Plenary 3: ThermoFisher Sponsored Session Transplant Immunology and Biomarkers Chairs: Glen Westall and Nikky Isbel</p> <p>1110-1150 Beyond Conventional Immunosuppression: new therapeutic approaches in transplantation</p> <p>1150-1220 Adding data to the crystal ball: using prediction models and biomarkers to assess post-transplant outcomes</p> <p>1220-1235 CD47 Blockade in Transplantation</p> <p>1235-1250 Making sense of angiotensin receptor antibodies in solid organ transplantation</p>	<p>Carole Guillonneau</p> <p>Alexandre Loupy</p> <p>Natasha Rogers</p> <p>Lucy Sullivan</p>
1250-1335	Lunch + Poster Viewing	

1335-1535	<p>President's Prize - Symposium Chair: Prof Kate Wyburn</p> <ul style="list-style-type: none"> * Integrating Artificial Intelligence in Organ Transplantation Diagnostics: A Comprehensive Evaluation Using the PROMAD Atlas * IS LONG-TERM (>7 DAYS) EX-SITU NORMOTHERMIC MACHINE PERFUSION CAPABLE OF INDUCING REGENERATION IN HUMAN LIVERS? * INULIN SUPPLEMENTATION IMPROVES GLYCAEMIC CONTROL IN ACUTE KIDNEY TRANSPLANT RECIPIENTS – RESULTS FROM THE DIGEST TRIAL * DRUG REPURPOSING IN THE CONTEXT OF ACUTE KIDNEY INJURIES * THE IMPACT OF FEMALE SEX AND INTERSECTIONAL DISADVANTAGE ON ACCESS TO DECEASED KIDNEY TRANSPLANTATION IN AUSTRALIA * A STANDARDISED METHOD OF MULTI-VISCERAL ORGAN RETRIEVAL FOR TESTING EX VIVO MACHINE PERFUSION IN A LARGE ANIMAL MODEL * INTRAGRAFT mRNA CHANGES WITH INTRAVENOUS IMMUNOGLOBULIN VERSUS STANDARD CARE IN CHRONIC ANTIBODY MEDIATED REJECTION-VIPAR RCT * CHARACTERISING PANCREATIC ORGANOIDS FROM HEREDITARY PANCREATITIS PATIENTS 	<p>Mr Harry Robertson</p> <p>Dr Anita Niu</p> <p>Dr Julian Singer</p> <p>Mr Aadhar Moudgil Miss Tennille Vitagliano</p> <p>Mr Rohan Bhattacharjya</p> <p>Dr Dhaksha Tharmaraj</p> <p>Mr James Zuiani</p>
Afternoon Tea + Poster Viewing		
1600-1700	<p>Free Communications 7: Transplant Epidemiology Chairs: Georgina Irish and Cara Wasywich</p> <ul style="list-style-type: none"> * THE EPIDEMIOLOGY OF HEREDITARY PANCREATITIS IN AUSTRALIA AND ITS EFFECT ON PATIENT OF TOTAL PANCREATECTOMY WITH ISLET AUTO-TRANS * TRENDS IN HOSPITAL UTILISATION AMONG CHILDREN BORN TO TRANSPLANTED MOTHERS IN THEIR FIRST DECADE OF CHILDHOOD * KIDNEY TRANSPLANT WAITLIST OUTCOMES AFTER DECLINE OF FIRST DECEASED DONOR KIDNEY OFFER: A DATA LINKAGE STUDY 2006-2019 * COMMON CANCER TRANSMISSION & NON-TRANSMISSION IN DECEASED ORGAN DONORS & TRANSPLANT RECIPIENTS: NSW DATA-LINKAGE STUDY 2010-2018 <p>Free Communications 8: Infectious Complications of Transplantation Chairs: Matt Roberts and Jeanette Villanueva</p> <ul style="list-style-type: none"> * SEROLOGICAL RESPONSES AND CLINICAL OUTCOMES TO 3-DOSE COVID-19 VACCINATION IN KIDNEY TRANSPLANT AND DIALYSIS RECIPIENTS * EXPOSURE TO ANAEROBIC ANTIBIOTICS AND RISK OF ALLOGRAFT REJECTION FOLLOWING LIVER TRANSPLANT * BK NEPROPATHY IN KIDNEY TRANSPLANTATION WHERE ALEMTUZUMAB IS USED AS AN INDUCTION AGENT -PREVALANCE MANAGEMENT GRAFT OUTCOME * KIDNEY TRANSPLANTATION OF HEPATITIS C VIRAEMIC DONORS TO HEPATITIS C NEGATIVE RECIPIENTS: A SINGLE-CENTRE AUSTRALIAN EXPERIENCE 	<p>Mr Denghao Wu</p> <p>Shilpa Jesudason</p> <p>Angela Webster</p> <p>Dr Brenda Maria Rosales</p> <p>Dr Dhaksha Tharmaraj</p> <p>Dr Olivia Smibert</p> <p>Dr Arun Prakas Ramaswami</p> <p>Jessica Sun</p>
1600-1700	<p>Free Communications 9: Machine Perfusion - Part 2 Chairs: Arul Suthanathan and Ruelan Furtado</p> <ul style="list-style-type: none"> * DELIVERY OF REGULATORY T-CELL THERAPY VIA EX-SITU MACHINE PERFUSION OF THE LIVER * Liver Machine Preservation at room temperature using an oxygenated, acellular perfusate: a pilot study * PHYSIOLOGICAL ASSESSMENT OF SMALL BOWEL GRAFT VIABILITY UNDER DIFFERENT EX VIVO MACHINE PERFUSION (EVMP) CONDITIONS * A BLUE PETER APPROACH TO MACHINE PERFUSION FOR ORGAN PRESERVATION 	<p>Dr Angus Hann</p> <p>Mr Shantanu Bhattacharjya</p> <p>Mr Shantanu Bhattacharjya</p> <p>Mr Rohan Bhattacharjya</p>
1700-1800	Annual General Meeting - Rooms 106/105	
1830-2230	TSANZ Annual Awards Dinner – Showtime Events Centre, South Wharf promenade	

Tuesday 18 June		
0730-0800	Coffee with Sponsors	
	Plenary 4: Astellas Sponsored Session Equity in Transplantation Chairs: Angela Webster and Olivia Smibert	
0800-0930	0800-0830 Outcomes and insights from the National Indigenous Kidney Transplant Taskforce (NIKTT)	Stephen McDonald & Kelli Owen
	0830-0900 Sex and Gender in the transplant workforce	Melanie Wyld
	0900-0930 Shared decision making in transplantation: communicating risk and empowering patients	Georgina Irish
	CONCURRENT STATE OF THE ART SESSION State of the Art 1: Xvivo Sponsored Session Machine Perfusion technologies in transplantation Chairs: James Walcott and Bulang He	
0930-1030	0930-0950 Machine perfusion in abdominal solid organ transplantation, updates and controversies	Gabriel Oniscu
	0950-1010 Organ repair and optimisation using long-term perfusion	Carlo Pulitano
	1010-1030 Graft derived cfDNA in normothermic machine perfusion in liver transplantation	Daniel Cox
	CONCURRENT STATE OF THE ART SESSION State of the Art 2: Fertility and Transplantation Chairs: Shilpa Jesudason and Samantha Ennis	
0930-1030	0930-0950 Fertility and pregnancy outcomes after solid organ transplantation	Nicole Gaffney
	0950-1010 Update on clinical outcomes of uterine transplant in Australia and New Zealand	Rebecca Dean
	1010-1030 Ethics of assisted fertility in transplantation: from IVF to uterine transplant	Evie Kendall
1030-1100	Morning Tea	
	CONCURRENT STATE OF THE ART SESSION State of the Art 3: Xvivo Sponsored Session Focus on Multiorgan Transplantation Chairs: Robert Jones and Darren Lee	
1100-1230	1100-1130: Lung plus: the growing need for additional organs in patients with multisystem diseases	Greg Snell
	1130-1200: Controversies in multiorgan transplantation: sequential vs combined organ transplantation	Graham Starkey
	1200-1230: Controversies in multiorgan transplantation: organ allocation	Sarah White

	CONCURRENT STATE OF THE ART SESSION	
	State of the Art 4: Infection	
	Chairs: Steph Kuo and Olivia Smibert	
1100-1230	1100-1130 Donor derived infection in solid organ transplantation	Peter Boan
	1130-1200 Updates on the prevention and treatment of CMV in solid organ Transplantation	Matt Roberts
	1200-1230 Antibiotic resistance and novel therapies for multi drug resistant organisms	Lana Sundac
1230-1330	Lunch and ECRC "Meet the Researcher" Forum	
	Plenary 5: Astellas Sponsored Session	
	Frontiers in Transplantation	
	Chairs: Brian Nankivell and Rosemary Masterson	
1330-1500	1330-1400 Advancing Treg cell therapies to the clinic	Carole Guillonneau
	1400-1420 Neonatal and paediatric donors: risks and benefits of prioritizing young donor organs to young recipients	Bulang He
	1420-1440 Matchability scores in organ allocation: balancing the risks and benefits for paediatric candidates and ethnic minorities	Rowena Lalji
	1440-1500 Microbial contamination in ex-vivo machine perfusion: a hidden risk of organ reconditioning	Tina Marinelli
1500-1525	Afternoon Tea	
1525-1600	The Great Debate	
	Topic: It is only a matter of time before Chat GPT replaces transplant physicians (but we will always need a surgeon!)	
	Moderator: Samantha Ng	
	Pro team: Chat GPT-4 and Avik Majumdar	
	Con team: Emma Tully and Alexandre Loupy	
1600	ASM Concludes	