

2025 TSANZ Annual Scientific Meeting National Convention Centre Canberra Program - June 22-24 Sunday 22 June		
0745-0845	Fun Run/Walk (5km)	
1230-1430	Transplant Australia Patient Forum	
1330-1500	Registration	
1510-1520	Welcome Ceremony	
1520-1530	Official Opening: TSANZ President	Prof Kate Wyburn
1530-1600	Plenary 1: Astellas Sponsored Session Theme: Tolerance Chair: Stephen Alexander Achieving operational tolerance: bench to bedside	Prof Megan Sykes
1600-1620	Josette Eris Lecture Chair: Kate Wyburn Imposter or outlier with style? The science to showing up anyway	Prof Natasha Rogers
1620-1650	Afternoon Tea	
1650-1750	<p>Free Communications 1: Immunosuppression and genetics Chairs: Dylan Barnett & Alison Graver FIRST IN HUMAN STUDY OF INTRA-CUTANEOUS ISLET TRANSPLANT INTO PRE-VASCULARISED NOVOSORB® NEODERMIS: 12 MONTH RESULTS OF THE INCE OUTCOMES OF CHECKPOINT INHIBITORS IN KIDNEY TRANSPLANT RECIPIENTS WITH ADVANCED CUTANEOUS MALIGNANCIES Pharmacogenetic profiling to optimise tacrolimus dosing: a single transplant center experience HLA COMPATIBILITY IMPACTS ANTIBODY FORMATION IN RENAL TRANSPLANT RECIPIENTS FROM INDIGENOUS AND NON-INDIGENOUS BACKGROUNDS</p> <p>Free Communications 2: Access to transplantation Chairs: Kathy Paizis & Melanie Wyld VARIATIONS IN LIVING DONOR KIDNEY TRANSPLANTATION – INSIGHTS FROM THE PARENT TRANSPLANT CENTRE MODEL IN AUSTRALIA & NEW ZEALAND ACCESS TO WAITLISTING AND KIDNEY TRANSPLANTATION FOR PATIENTS WITH INCIDENT KIDNEY FAILURE IN AUSTRALIA AND THE UNITED KINGDOM A CONTEMPORARY ANALYSIS OF BODY MASS INDEX AND ITS IMPACT ON MORTALITY AND GRAFT SURVIVAL IN KIDNEY TRANSPLANT RECIPIENTS A NEW METHOD FOR PRIORITISING HLA MATCHING IN KIDNEY ALLOCATION THAT ACCOUNTS FOR DIFFICULT-TO-MATCH INDIVIDUALS</p> <p>Free Communications 3: T cell biology Chairs: Michaela Lucas & Griffith Perkins DRIVING FAST CARS TO THE KIDNEY: CAR-T REGS TARGETED AT IMMUNE AND RENAL ANTIGENS Differentiation of stem-like memory T cells in hematopoietic stem cell transplant recipients following SARS-CoV-2 vaccination MULTI-OMIC ANALYSIS OF ALLOREACTIVE CD8+ T CELLS ACROSS DIFFERENT TARGET ORGANS AND GENETIC BACKGROUNDS THE ROLE OF NATURAL KILLER T CELLS IN MURINE LIVER TRANSPLANTATION</p>	<p>Prof Toby Coates</p> <p>Dr Hyun Jae Nam Ms Sharon Ho Wathsala Munasinghe</p> <p>Dr Lachlan McMichael</p> <p>Dr Lachlan McMichael</p> <p>Dr Kenneth Xie</p> <p>Assoc Prof Phil Clayton</p> <p>Miss Karli Shaw Mr Cheng Sheng Chai Dr Taeyoung Son Ms Amy Prosser</p>
	<p>Mini Orals: Session 1 Chair: Sia Pefanis & Matthew Sypek RECOVERY OF RAT HEARTS AFTER COLD STORAGE WITH ACID SENSING ION CHANNEL INHIBITOR HI1A VARIES BY SEX NEPHROLOGIST PERSPECTIVES ON OFFER AND CONSENT PRACTICES FOR INCREASED VIRAL RISK KIDNEY TRANSPLANT OFFERS CELLULAR REJECTION SURVEILLANCE WITH ENDOMYOCARDIAL BIOPSIES IN THE FIRST YEAR POST HEART TRANSPLANT: A SINGLE CENTRE EXPERIENCE IDENTIFYING THE BARRIERS TO KIDNEY TRANSPLANTATION FACED BY PACIFIC PEOPLE WITH END STAGE RENAL DISEASE: A MIXED METHODS STUDY COMMON BILE DUCT INJURY IN DONATION AFTER CIRCULATORY DEATH LIVERS – AN INDICATOR FOR INTRAHEPATIC BILIARY DAMAGE? THE IMPACT OF FEMALE SEX & INTERSECTIONAL DISADVANTAGE ON ACCESS TO DECEASED KIDNEY TRANSPLANTATION IN AUSTRALIA (2006-2023) SEX DIFFERENCES IN DISCONTINUATION OF CARDIOPROTECTIVE MEDICATION FOLLOWING KIDNEY TRANSPLANTATION PERSPECTIVES OF TRANSPLANT PROFESSIONALS ON GENDER DIFFERENCES IN LIVING KIDNEY DONATION: A SEMI-STRUCTURED INTERVIEW STUDY SERVICE-LEVEL VARIATION IN ACCESS TO TIMELY KIDNEY TRANSPLANT WAITLISTING FOR FIRST NATIONS AND NON-INDIGENOUS PATIENTS IMMUNE RESPONSE AND SAFETY OF 1 VS 2 DOSES OF AS01E-ADJUVANTED RSVPRF3 IN TRANSPLANT RECIPIENTS VS NON-IMMUNOCOMPROMISED ADULTS KIDNEY SUPPORTIVE CARE FOR ADULT KIDNEY TRANSPLANT RECIPIENTS DENOVO ANTI-HLA DONOR SPECIFIC ANTIBODY FORMATION IN AUSTRALIA'S FIRST UTERUS TRANSPLANT</p>	<p>Dr Sanjay Dutta Dr Alison Weightman Jerry Pang</p> <p>Dr Amelia Tekiteki</p> <p>Jackson Scullion Miss Tennille Vitagliano</p> <p>Dr Nicole Louise De La Mata Dr Sundareswari Vilayur Adinarayanan Prof Paul Damian Lawton</p> <p>Prof Steven Chadban</p> <p>Dr Phoebe Tin Dr Karen Keung</p>
1750-1830	<p>TTS - Women in Transplantation Session Chair: Germaine Wong 1750-1810: Professional Development and Leadership: Identifying Opportunities Within and Beyond Your Medical Center 1810-1830: TBA</p>	<p>Prof Roslyn Mannon Prof Emily Lancsar - Chief Health Economist - Department of Health and Aged Care</p>
1830-1900	<p>"Town Hall Session" Chair: Kate Wyburn Update on The Australian Law Reform Commission (ALRC) review of Human Tissue Laws</p>	<p>Dr Maeghan Toews - Commissioner of the ALRC</p>
1900-2000	Welcome Reception	

Monday 23 June		
0730-0800	Coffee with Sponsors	
08000-0930	Plenary 2: Joint TSANZ/OTA Session Theme: Challenges in organ donation and transplantation Chairs: Helen Opdam & Samantha Ng 0800-0815: Australian Organ Donation and Transplantation 0815-0845: Disease transmission reporting: The DTAC & UNOS experience 0845-0900: Vigilance and Surveillance Expert Advisory Committee: The Australian experience 0900-0915: Overcoming barriers to living kidney donor transplantation 0915-0930: NIKTT implementation	Ms Lucinda Barry Prof Cameron Wolfe Prof Jeremy Chapman Dr Melanie Wyld Prof Stephen McDonald & Prof Jaquelyne Hughes
0930-1030	Free Communications 4: Donor organ utilisation & allocation Chairs: Steve Chadban & Alison Weightman PROGNOSIS MATCHING IN THE AUSTRALIAN DECEASED DONOR KIDNEY ALLOCATION ALGORITHM METRICS FOR ASSESSING DONOR COORDINATION COMPLEXITY OF THE KIDNEY ALLOCATION SYSTEM CLINICAL RISK AVERSION AND POTENTIAL GAINS FROM DONORS FORGONE FOR DECEASED KIDNEY DONATION: A DATA-LINKAGE STUDY NON-RETRIEVAL AND NON-UTILISATION OF DECEASED DONOR KIDNEYS FOR TRANSPLANTATION: AN AUSTRALIAN COHORT STUDY Free Communications 5: Optimising kidney transplant outcomes Chairs: Georgina Irish & Wai Lim Distinct Differences In The Pattern Of Major Adverse Cardiac Events Pre- And Post-Kidney Transplantation: The CARSK Study THE PREDICTIVE VALUE OF KIDNEY RESISTIVE INDEX FOR DELAYED GRAFT FUNCTION IN TRANSPLANTATION: THE BEST-FLUIDS IMAGING SUB-STUDY IMPLEMENTATION OF A STATEWIDE ALLOCATION SYSTEM FOR DECEASED DONOR KIDNEYS AT RISK OF PROLONGED COLD ISCHAEMIA IN VICTORIA CLINICAL PRACTICES IN LIVING DONOR EVALUATION IN AUSTRALIA: A SURVEY OF CARDIAC, METABOLIC, SUBSTANCE USE, AND FAMILY PLANNING A Free Communications 6: Experimental models for transplantation Chairs: Antiopi Varelias & Jeanette Villanueva TEMPERATURE OPTIMISATION OF HEART STORAGE USING CO2/OXYGEN PERSUFFLATION IN A RAT HEART MODEL THE IMPACT OF ADDITIVES TO THE UNIVERISTY OF WISCONSIN (UW) SOLUTION DURING KIDNEY PROCUREMENT AND STORAGE. DEVELOPMENT OF AN ORGANOID MODEL FROM HEREDITARY PANCREATITIS PATIENTS COMPLIMENTS SPATIAL-TRANSCRIPTOMIC CHARACTERIZATION RBM20 CARDIOMYOPATHY: PHENOTYPIC CHARACTERISATION OF A NOVEL PATIENT DERIVED AVATAR MOUSE MODEL THAT REQUIRES CARDIAC TRANSPLANT	Mr James Hedley Mr James Hedley Dr Brenda Maria Rosales Miss Rachel Cutting Dr Tracey Ying Dr Alexander Gilbert Dr Kevin Chow Dr Melanie Wyld Dr Warren Pavey Dr Sebastian Primrose Mr James Zuiani Miss Jennifer Rigerink
0930-1030	Mini Orals Session 2: Chairs: Chandima Divithotawela & Stephanie Kuo IMPROVING LIVING KIDNEY DONOR SOLICITATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF INTERVENTIONS ACUTE LUNG ALLOGRAFT DYSFUNCTION (ALAD) IN THE FIRST-YEAR POST-TRANSPLANT: INCIDENCE, ETIOLOGY, SEVERITY AND OUTCOME KIDNEY TRANSPLANT OUTCOMES FROM DONORS WITH PRIOR ECMO BUT NO NRP: A SYSTEMATIC REVIEW AND META-ANALYSIS PRE-TRANSPLANT ANGIOTENSIN II TYPE 1 RECEPTOR AUTOANTIBODIES PREDICTS REDUCED SURVIVAL IN LUNG TRANSPLANT RECIPIENTS IMPACT OF OBESITY ON KIDNEY TRANSPLANT WAITLISTING OUTCOMES IN AUSTRALIA DESIGN AND REPORTING QUALITY OF NON-INFERIORITY TRIALS IN KIDNEY TRANSPLANTATION: A SYSTEMATIC REVIEW The effect of mental illness on mortality, graft failure, and acute rejection post-kidney transplant SIMULTANEOUS LUNG & HEART RETRIEVAL DOESN'T RESULT IN WORSE OUTCOMES FOR DCD LUNG TRANSPLANTATION – PROPENSITY MATCHED ANALYSIS PATIENT-REPORTED CHANGES IN SYMPTOMS AFTER ADULT KIDNEY TRANSPLANTATION Review of Australian Deceased Donor Renal Offer Declines due to Donor Specific Antibodies in 2023 and 2024 COMPARABLE LONG-TERM OUTCOMES BETWEEN DONATION AFTER CIRCULATORY VERSUS NEUROLOGICAL DEATH DONORS IN AUSTRALIA AND NEW ZEALAND LANDSCAPE OF MENTAL ILLNESS IN KIDNEY FAILURE: A THREE NATION COMPARISON BETWEEN AUSTRALIA, NEW ZEALAND, AND SCOTLAND	Dr Melanie Wyld Dr Reece Jefferies Angus Waldon Dr Andrei Darie Dr Kenneth Xie Mrs Bree Shi Miss Trishala Mahalia Sharma Dr Sanjay Dutta Ms Catherine King Mrs Rebecca Scammell Dr Alan Xu Mr James Hedley
1030-1100	Morning Tea + Poster Viewing	
1100-1240	Plenary 3: Theme: Dealing with the HLA barrier Chairs: Rhonda Holdsworth & Ross Francis 1100-1130: Signatures of organ transplant tolerance 1130-1200: HLA molecular mismatch as a risk stratification tool to guide precision medicine in transplantation 1200-1220: HLA compatible red cell transfusion 1220-1240: HLA mismatches in lung transplantation - friend or foe?	Prof Megan Sykes Prof Peter Nickerson Dr Jeremy McComish Dr Lucy Sullivan
1240-1330	ECC "Meet the Researcher" + Lunch + Poster Viewing	
1330-1530	President's Prize - Symposium Chair: Prof Kate Wyburn A NOVEL HYPOTHERMIC OXYGENATED MACHINE PERFUSION SYSTEM ALLOWS FOR LOW-COST, WIDESPREAD IMPLEMENTATION FOR LIVER TRANSPLANTATION APOPTOTIC DONOR B CELL INFUSIONS FOR TOLERANCE IN A NON-HUMAN PRIMATE MODEL OF ALLOGENEIC KIDNEY TRANSPLANTATION A DECADE OF DONATION AFTER CIRCULATORY DEATH HEART TRANSPLANTATION IN AUSTRALIA HYPOTHERMIC OXYGENATED PERFUSION (HOPE) MACHINE USING THE ORGAN ANGEL DEVICE OF DONOR HEARTS IN A PORCINE MODEL PathAgent: The First Artificially Intelligent Autonomous Agent for Renal Pathology NORMOTHERMIC PRESERVATION OF HUMAN LIVERS FOR MORE THAN 3 WEEKS: FROM EXPERIMENTAL MODEL TO CLINICAL APPLICATION OUTCOMES OF SOLID ORGAN TRANSPLANT RECIPIENTS WITH ADVANCED CANCERS RECEIVING IMMUNE CHECKPOINT INHIBITORS: A SYSTEMATIC REVIEW SPIDER-VENOM DERIVED H11A EXTENDS VIABILITY OF DONATION AFTER CIRCULATORY DEATH DONOR HEARTS	Dr Charles William George Risbey Dr Matthew Jack Tunbridge Dr Yashutosh Joshi Dr James Besanko Mr Harry Robertson Mr Daniel Babekuhl Dr Nida Saleem Dr Yashutosh Joshi
1530-1600	Afternoon Tea + Poster Viewing	

1600-1700	Free Communications 7: Managing complications Chairs: Basu Gopal & Ramyasuda Swaminathan DIETARY INULIN IMPROVES DYSGLYCAEMIA AND ALTERS THE GUT MICROBIOME FOLLOWING KIDNEY TRANSPLANTATION: RESULTS FROM THE DIGEST RCT IMPACT OF BORDERLINE T-CELL MEDIATED REJECTION IN THE FIRST YEAR AFTER KIDNEY TRANSPLANT: AN ANZDATA REGISTRY ANALYSIS IDENTIFYING STRATEGIES FOR LIFE PARTICIPATION IN CHILDREN WITH CHRONIC KIDNEY DISEASE: A SONG WORKSHOP REPORT ASYSTOLIC WARM ISCHAEMIC TIME DOES NOT IMPACT OUTCOMES FOLLOWING DONATION AFTER CIRCULATORY DEATH LUNG TRANSPLANTATION	Dr Alex Gilbert Dr Craig Coorey Anastasia Hughes Dr Sanjay Dutta
	Free Communications 8: Surgery Chairs: Handoo Rhee & Adam Philipoff TAKING THE PAIN OUT OF LIVING KIDNEY DONATION SURGERY: IMPACT OF ENHANCED RECOVERY AFTER SURGERY PROTOCOL ON PAIN EARLY POST-OPERATIVE DOPPLER ULTRASOUND PREDICTS HEPATIC ARTERY STENOSIS AND POOR GRAFT SURVIVAL POST-LIVER TRANSPLANTATION TEMPORAL TRENDS IN ORGAN DONATION CONSENT RATES IN NEW SOUTH WALES, AUSTRALIA EVALUATING THE ROLE OF SURGICAL TECHNIQUE IN THE DEVELOPMENT OF BILIARY ANASTOMOTIC STRICTURES FOLLOWING LIVER TRANSPLANTATION	Angelina Koh Mr Kurtis Hanson Miss Rachel Cutting Dr Samith Minu Alwis
	Free Communications 9: Immunobiology Chairs: Toby Coates & Amy Prosser ELIMINATING MHC II EXPRESSION WITH BASE EDITING AS A STRATEGY TO PREVENT CHRONIC ANTIBODY-MEDIATED KIDNEY TRANSPLANT REJECTION CELL-FREE MITOCHONDRIAL DNA AND NUCLEAR CELL-FREE DNA AS A BIOMARKER IN LUNG TRANSPLANT RECIPIENTS A SINGLE-CELL IMAGING ATLAS OF THE PERIPHERAL IMMUNE SYSTEM IN KIDNEY TRANSPLANT RECIPIENTS DIETARY FIBRE-DERIVED SHORT-CHAIN FATTY ACID (SCFA) TREATMENT PROTECTS AGAINST KIDNEY ISCHAEMIA-REPERFUSION INJURY (IRI)	Miss Ailish Barry Assoc Prof Herbert Ludewick Dr Griffith Boord Perkins Dr Alex Gilbert
1700-1745	Annual General Meeting	
1830-2230	TSANZ Annual Awards Dinner - Old Parliament House	
Tuesday 24 June		
0730-0800	Coffee with Sponsors	
0800-0900	CONCURRENT STATE OF THE ART SESSION State of the Art 1: Theme: Machine perfusion - the evolving landscape Chairs: Peter Macdonald & Henry Pleass 0800-0820: Normothermic regional perfusion - implementation in New Zealand 0820-0900: Panel discussion - Let's talk about the logistics to implement machine perfusion and the unintended consequences on other organs	Dr Louise Barbier Louise Barbier Greg Snell Adam Philipoff John Kanellis
0800-0900	CONCURRENT STATE OF THE ART SESSION State of the Art 2: Theme: Infections Chairs: Matthew Roberts & Brenda Rosales 0800-0840: Ask the panel - The 2 am call to your ID friend - is this bug OK? 0840-0900: Not all bugs are bad - gut microbiota in transplant recipients	Dr Peter Boan Toby Coates Cameron Wolfe Olivia Simbert Helen Opdam Consumer Dr Olivia Smibert
0900-1030	Plenary 4: Theme: Rejection Chairs: William Mulley & Lucy Sullivan 0900-0930: Impact of rejection (TCMR and ABMR) on graft outcomes in the modern era of immunosuppression 0930-0945: Donor derived cell-free DNA in heart transplantation 0945-1000: Chronic lung allograft dysfunction phenotypes 1000-1030: Chronic antibody mediated rejection and microvascular injury - update on diagnosis and evolving treatment	Prof Peter Nickerson A/Prof Kavitha Muthiah Dr David Darley Prof Roslyn Mannon
1030-1100	Morning Tea	
1100-1200	CONCURRENT STATE OF THE ART SESSION State of the Art 3: Astellas Sponsored Session Theme: Stretching the boundary in transplantation Chairs: John Whitlam & Bronwyn Levvey 1100-1120: DCD heart transplant program 1120-1140: Experience with imlifidase use for highly sensitised patients in ANZKX 1140-1200: Liver transplant oncology	Dr Yashutosh Joshi Dr Stella McGinn Prof Simone Strasser
1100-1200	CONCURRENT STATE OF THE ART SESSION State of the Art 4: Theme: Bench to bedside Chairs: Min Hu & Sarah Short 1100-1120: Spatial transcriptomic analysis in hereditary pancreatitis 1120-1140: Murine models for infective risk in graft versus host disease 1140-1200: Transdermal glomerular filtration rate in murine kidney transplant model	Prof Toby Coates A/Prof Antiopi Varelias Dr Matthew Tunbridge
1200-1300	Plenary 5: Astellas Sponsored Session Theme: Advances in transplantation Chairs: Kavitha Muthiah & Harry Robertson 1200-1230: Total artificial heart (BiVACOR) - will it be a bridge beyond transplantation? 1230-1300: Biomarkers in transplantation	Prof Chris Hayward Prof Roslyn Mannon
1300-1400	Light Lunch	
1400	ASM Concludes	