

# ANZSN Programme

Saturday 5 September 2009

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0800 – 1730 ANZSN Nephrology Update  
*Room: Grand Ballroom 2/3*

Sunday 6 September 2009

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0800 – 1730 ANZSN Nephrology Update  
*Room: Grand Ballroom 2/3*

Monday 7 September 2009

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0830 – 0930 **PLENARY LECTURE**

Recent advances and future challenges of nocturnal haemodialysis

**Professor Christopher Chan**

*Room: Federation Concert Hall*

*Chair: Professor Randall Faulk*

0930 – 1030 **SEMINAR: JACQUOT AWARDEES PRESENTATIONS**

Tissue factor, thrombin and PAR-1: Coagulation, inflammation and angiogenesis – is it PAR for the course?

**Dr Jonathan Erlich**

CD8 T cells and augury: predicting prognosis in autoimmunity

**Professor Ken Smith**

*Room: Federation Concert Hall*

*Chair: Dr Vicki Levidiotis*

1030 – 1100 **MORNING TEA & TRADE EXHIBITION**

1100 – 1300 **ANZSN YOUNG INVESTIGATOR AWARDS**

4 Basic Science/4 Clinical Science Oral Presentations

*Room: Federation Concert Hall*

*Chair: Professor Robert Walker*

'FAST-DC' PROTOCOL IN COMBINATION WITH INTERFERON- $\gamma$  GENERATES CLINICALLY APPLICABLE TOLEROGENIC DENDRITIC CELLS (TOL-DC)

DM Rojas, R Krishnan, PT Coates

SCREENING FOR RENAL CANCER IN RECIPIENTS OF KIDNEY TRANSPLANTS

G Wong, K Howard, AC Webster, JR Chapman, JC Craig

REGULATION OF RENAL METABOLISM BY THE AMP-ACTIVATED PROTEIN KINASE (AMPK)

S Choy, S Fraser, N Cook, B Van Denderen, K Gleich, M Katerdos, P Mount, D Power

DIFFERENCES IN BODY BUILD WITHIN INDIGENOUS AUSTRALIANS MAY IMPACT ON ESTIMATES OF RENAL FUNCTION

J Hughes, P Lawton, W Hoy, A Cass, L Piers, SK Sharma, G Jones, K O'Dea, G Jerums, L Maple-Brown

THE ROLE OF PURINERGIC SIGNALLING IN RENAL ISCHAEMIA REPERFUSION INJURY

S Rajakumar, B Lu, S Crikis, S Robson, A d'Apice, P Cowan, K Dwyer

CARDIAC BIOMARKERS PREDICT LEFT VENTRICULAR PATHOLOGY DETECTED BY CARDIAC MAGNETIC RESONANCE IMAGING AND ECHOCARDIOGRAPHY IN HAEMODIALYSIS PATIENTS

AJ Hedley, LG Kearney, MP Molan, C Schechter, O Farouque, FL Lerino

THE ROLE OF IL-17A IN EXPERIMENTAL AUTOIMMUNE ANTI-MYELOPEROXIDASE INDUCED FOCAL NECROTISING GLOMERULONEPHRITIS (AIMPOGN)

PY Gan, OM Steinmetz, AR Kitching, SR Holdsworth

RANDOMISED PLACEBO-CONTROLLED TRIAL OF ALENDRONATE ON VASCULAR CALCIFICATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE

ND Toussaint, KK Lau, KR Polkinghorne, PG Kerr

1300 – 1400 LUNCH & TRADE EXHIBITION

CONCURRENT POSTER SESSIONS

1400 – 1530 Dialysis I

Room: Grand Ballroom I

Co-Chairs: Professor John Agar, Dr Carolyn van Eps

WA HOME DIALYSIS PROGRAM (WAHDiP): A CORPORATISED MODEL FOR HOME DIALYSIS – 2 YEAR REVIEW

NC Boudville, T Bennett, D Crawford, P Ferrar M Gillies, H Kulkarn, J Macmillan, V Mazoue, H Moody, H Rhodes, K Tracey, K Warr (Clinical Review Committee (CRC) for WAHDIP)

HAEMODIALYSIS PATIENT COMORBIDITIES, DIALYSIS PARAMETERS, AND SURVIVAL IN PUBLIC AND PRIVATE FACILITIES IN QUEENSLAND

NA Gray, HK Dent, SP McDonald

A RANDOMIZED, DOUBLE-BLIND, CROSS-OVER STUDY OF HIGH CUT-OFF VERSUS HIGH-FLUX DIALYSIS MEMBRANES

D Lee, M Haase, A Haase-Fielitz, K Paizis, H Goehl, R Bellomo

DOES INSULIN HAVE AN ANTI-INFLAMMATORY EFFECT IN PATIENTS WITH END-STAGE RENAL DISEASE ON HAEMODIALYSIS?

FE Vos, PJ Manning, WHF Sutherland, J Schollum, RJ Walker

AMINOGLYCOSIDES IN HAEMODIALYSIS PATIENTS: SHOULD WE BE DOSING PRE-DIALYSIS RATHER THEN POST-DIALYSIS?

S O'Shea, S Duffull, DW Johnson, D Mudge

OXIDATIVE STRESS MARKERS IN ALTERNATE NIGHTLY NOCTURNAL HAEMODIALYSIS

CL van Eps, JS Coombes, A Matsumoto, JK Jeffries, DW Johnson, SB Campbell, NM Isbel, DW Mudge, CM Hawley

ESA DOSING IN NOCTURNAL HAEMODIALYSIS

S Govindarajulu, CM Somerville, JW Agar

USE OF TUNNELED VASCATHS REWIRED OVER SIMPLE VASCATHS: A SINGLE CENTER EXPERIENCE

G Suryanarayanan, AN Aravindan, N Gonzalez, A Jefferys, T Spicer, K Howlin, M Suranyi, B Hall, J Wong

PULSE WAVE ANALYSIS (PWA) AND ULTRASOUND (US) EVALUATION OF THE INFERIOR VENA CAVA (IVC) IN HAEMODIALYSIS PATIENTS

P Shanmugasundaram, M Brown

USE OF HIGH CUT-OFF HAEMODIALYSIS IN A PATIENT WITH MULTIPLE MYELOMA AND SIGNIFICANT CAST NEPHROPATHY: A CASE REPORT

A Natfaji, C Phounpadith, E Dator, J Curnow, CRP George, M Jardine

REDUCING THE CARBON FOOTPRINT BY SOLAR POWERED HAEMODIALYSIS

JW Agar

WATER SOLUBLE VITAMIN LEVELS IN HOME HAEMODIALYSIS PATIENTS

N Crowther, KR Polkinghorne, L Linehan A Corradini, PG Kerr

PREVALENCE OF VITAMIN D DEFICIENCY IN A SUBTROPICAL INCENTRE HAEMODIALYSIS POPULATION

R Miles, K Herzig, A Bofinger, C Hawley

DOES HAEMODIAFILTRATION IMPROVE DIETARY INTAKE, APPETITE, NUTRITIONAL STATUS AND BODY COMPOSITION?

S Denmeade, L Moynahan, S Fleming, S Webster, JD Bauer

A TARGETED CROSS SECTIONAL SURVEY OF CURRENT PRACTICE IN INTRADIALYTIC PARENTERAL NUTRITION (IDPN) PROVISION IN AUSTRALIA AND NEW ZEALAND

K Coster, K Lambert, C Crosby, S Chan

RELATIONSHIP BETWEEN DEMOGRAPHIC, CLINICAL, NUTRITIONAL CHARACTERISTICS AND SERUM PHOSPHATE IN PATIENTS UNDERGOING MAINTENANCE HAEMODIALYSIS

RN Mutsekwa, J Wan, S Tranter, P Petocz, M Chan

CITRATE ANTICOAGULATION DURING LONG-TERM HAEMODIALYSIS

S Wright, J Young, U Steinwandel, P Ferrari

MINERAL METABOLISM: AUSTRALIA/NEW ZEALAND VS THE REST OF DOPPS

PG Kerr, MR Marshall, M Gallagher, M Blayney, R Pisoni

PRACTICAL FACTORS AFFECTING SERUM PHOSPHATE MANAGEMENT IN PATIENTS UNDERGOING MAINTENANCE HAEMODIALYSIS – SURVEY OF CURRENT PRACTICE

RN Mutsekwa, J Wan, S Tranter, T Burns, M Chan

THE USE OF PHOSPHATE BINDERS IN A SATELLITE DIALYSIS CENTRE

E O'Lone, M Lonergan, K Lambert

EFFECT OF PHARMACEUTICAL BENEFITS LISTING OF SEVELAMER AND CINACALCET ON HAEMODIALYSIS PATIENT BIOCHEMISTRY, PILL BURDEN, AND COST

NA Gray, R Krishnasamy, PR Hollett, C Anstey

1400 – 1530

### **General Nephrology I**

*Room: Harbour View 1*

*Co-Chairs: Professor Rob Fassett, Professor Wendy Hoy*

AN OVERVIEW OF THE LATEST STATISTICS ON CHRONIC KIDNEY DISEASE IN AUSTRALIA

C Ryan, F Green

CHRONIC KIDNEY DISEASE MORTALITY

C Ryan, F Green, S Littlewood

CHRONIC KIDNEY DISEASE HOSPITALISATIONS IN AUSTRALIA

C Ryan, F Green, S Littlewood

OUTCOME OF A COMMUNITY SCREENING CAMPAIGN TO DETECT CHRONIC KIDNEY DISEASE IN SUBJECTS AT RISK

J Jamboti, J Macmillan, S Porter, P Ferrari

NEW ONSET ALBUMINURIA, HYPERTENSION AND DIABETES IN A HIGH RISK ABORIGINAL COMMUNITY OVER 10 YEARS

WE Hoy, SK Sharma, H Bloomfield, CE Swanson, S Mott, JA Scott, ZM Wang

APPLICATION OF FACTOR ANALYSIS IN PREDICTING URINARY ALBUMIN TO CREATININE RATIOS IN A HIGH RISK ABORIGINAL COMMUNITY

ZM Wang, Z Wang, WH Hoy

CORRELATES OF ALBUMINURIA IN A HIGH RISK AUSTRALIAN ABORIGINAL COMMUNITY

ZM Wang, Z Wang, WH Hoy

NON-ALBUMINURIC RENAL IMPAIRMENT IN TYPE 2 DIABETES AND THE GENERAL POPULATION (NEFRON 11)

MC Thomas, JE Shaw, RC Atkins

ESTIMATED GLOMERULAR FILTRATION RATE (EGFR) WITH MODIFIED OF DIET IN RENAL DISEASE (MDRD) FORMULA IN INDONESIAN

AM Abdurahman, RMA Roesli

NEPHROLOGISTS' PERSPECTIVES ON THE INFLUENCE OF GUIDELINES IN CLINICAL DECISION MAKING: A SEMI-STRUCTURED INTERVIEW STUDY

MJ Irving, A Tong, L Rychetnik, RG Walker, MS Frommer, JC Craig

SERO-NEGATIVE PAUCI-IMMUNE CRESCENTIC GLOMERULONEPHRITIS, C.N.S. VASCULITIS AND OCCLUSIVE RETINAL VASCULITIS

A Ali, A Kaithal-Shahir, A Aravindan, B Cleland, B Hall, M Suranyi, T Spicer, J Wong, K Howlin

OCCURRENCE OF POSTERIOR REVERSIBLE LEUKOENCEPHALOPATHY SYNDROME (PRES) WITH ANTI-CENTROMERE ANTIBODY REACTIVE PAUCI-IMMUNE GLOMERULONEPHRITIS

S Nama, A Hartwell, M Divi, T Titus

RAPIDLY PROGRESSIVE GLOMERULONEPHRITIS PRESENTING AS A COMPLICATION OF PRIMARY AL AMYLOIDOSIS AND MULTIPLE MYELOMA

A Crosthwaite, A Skene, P Mount

A DRAMATIC PRESENTATION OF MEMBRANOUS LUPUS NEPHRITIS IN A PATIENT WITH NEGATIVE LUPUS SEROLOGY

D Rutherford, A Jefferys, J Wong

CASE REPORT: LUPUS NEPHRITIS IN HUMAN IMMUNODEFICIENCY VIRUS INFECTION

LL Huang, A Fung, S Menahem, C McLean, J Sabto

A NOVEL STATEWIDE ELECTRONIC CLINICAL MANAGEMENT PLATFORM FOR NEPHROLOGY: WAND (WEST AUSTRALIAN NEPHROLOGY DATABASE)

LE Burnette, AB Irish, P McKelvey

CYSTATIN C, GLOMERULAR FILTRATION RATE AND URINE ALBUMIN TO CREATININE RATIO AS RISK FACTORS FOR CARDIOVASCULAR DISEASE IN ABORIGINAL PEOPLE

Z Wang, WE Hoy

MENTAL ILLNESS AND CHRONIC KIDNEY DISEASE IN ABORIGINAL AUSTRALIANS: A MATCHED CASE-CONTROL STUDY

Z Wang, WE Hoy

**I400 – I530 Pathology, Immunology and Developmental Biology**

*Room: Federation Concert Hall (All posters in this session are displayed in the Federation Foyer)*

*Co-Chairs: Dr David Nikolic-Paterson, Dr Karen Dwyer*

CHRONIC PRENATAL ETHANOL EXPOSURE INCREASES APOPTOSIS IN THE DEVELOPING KIDNEY

KM Moritz, K Tep, G Gobe, ME Probyn, JF Bertram

MATERNAL GLUCOCORTICOID EXPOSURE INDUCES SEX SPECIFIC CHANGES IN GENE EXPRESSION ACROSS GENERATIONS

JSM Cuffe, H Dickinson, WM Boon, KM Moritz

RETINOIC ACID AMELIORATES THE EFFECTS OF ETHANOL EXPOSURE ON URTERIC BRANCHING MORPHOGENESIS IN CULTURED RAT METANEPHROI

SP Gray, LA Cullen-McEwen, KM Moritz, JF Bertram

ALTERED RENAL GENE EXPRESSION OF SODIUM CHANNELS AND TRANSPORTERS FOLLOWING FETAL UNINEPHRECTOMY IN MALE SHEEP

R Singh, J Bertram, A Jefferies, K Denton, K Moritz

PRETERM BIRTH IS ASSOCIATED WITH ACCELERATED GLOMERULAR MATURATION AND THE FORMATION OF ABNORMAL GLOMERULI

M Sutherland, L Gubhaju, L Stamp, L Moore, A Kent, JE Dahlstrom, MJ Black

RENAL FUNCTION IN THE PRETERM NEONATE: EVIDENCE OF MICROALBUMINURIA DURING THE NEONATAL PERIOD

L Gubhaju, MR Sutherland, RSC Horne, AM Medhurst, MJ Black

RENAL EFFECTS IN A MOUSE MODEL OF NEONATAL HYPEROXIA

M Sutherland, K Ong, M O'Reilly, F Sozo, R Harding, MJ Black

COMPARISON BY RACIAL GROUPS OF THE DISTRIBUTION OF VOLUMES OF DIFFERENT GLOMERULI WITHIN INDIVIDUALS

WE Hoy, MA Zimany, BJ McNamara, B Diouf, T Samuel, MD Hughson, RN Douglas-Denton, LM Holden, SA Mott, JF Bertram

DISTRIBUTION OF VOLUMES OF DIFFERENT GLOMERULI WITHIN INDIVIDUALS: FINDINGS IN KIDNEYS AT CORONIAL AUTOPSY

WE Hoy, MA Zimany, T Samuel, MD Hughson, RN Douglas-Denton, LM Holden, SA Mott, JF Bertram

PODOCYTE NUMBER PER GLOMERULUS VARIES WITHIN AND BETWEEN HUMAN KIDNEYS

JF Bertram, B McNamara, J Li, F Salih, MD Hughson, WE Hoy

MACROPHAGES IN POSTNATAL KIDNEY DEVELOPMENT

CV Jones, TM Williams, S Sakkal, SD Ricardo

MACROPHAGE MIGRATION INHIBITORY FACTOR STIMULATES ALTERNATIVELY ACTIVATED MACROPHAGES

E Mreich, S Saad, XM Chen, CA Pollock

DISCRETE FUNCTIONS OF PROTECTIVE MACROPHAGES DETERMINE THEIR RELATIVE THERAPEUTIC EFFICACY IN CHRONIC KIDNEY DISEASE

Q Cao, D Zheng, Y Sun, Y Wang, VWS Lee, G Zheng, TK Tan, J Ince, SI Alexander, DCH Harris, Y Wang

THE FAILURE OF WOUND HEALING MACROPHAGES FROM BONE MARROW IN TREATMENT OF CKD EXPLAINED BY THEIR PROLIFERATION IN INFLAMED KIDNEY

Q Cao, D Zheng, Y Sun, Y Wang, VWS Lee, G Zheng, TK Tan, J Ince, SI Alexander, DCH Harris, Y Wang

ENDOGENOUS THROMBOMODULIN IS SUFFICIENT FOR THE EFFECT OF EPCR OVEREXPRESSION ON RENAL ISCHAEMIA-REPERFUSION INJURY

E Lee, B Lu, A d'Apice, P Cowan, H Gock

HUMAN CD39 EXPRESSION PROTECTS IN A MOUSE MODEL OF PRE-ECLAMPSIA

J McRae, Y Li, S Pommey, K Dwyer

ANTI-MYELOPEROXIDASE ANTIBODIES RAPIDLY INDUCE  $\alpha 4$  INTEGRIN-DEPENDENT GLOMERULAR NEUTROPHIL ADHESION

AR Kitching, MP Kuligowski, R Kwan, C Lo, C Wong, WG James, D Bourges, JD Ooi, P Hall, MJ Hickey

HUMAN THYMIC EXPRESSION AND LOCALISATION OF RENAL ANTIGENS TO ECADHERIN-POSITIVE MEDULLARY THYMIC EPITHELIAL CELLS (MTEC)

T Polhill, YM Wang, J Kemmler, G Yu Zhang, M Hu, D Winlaw, T Henwood, DCH Harris, SI Alexander

REGULATORY PLASMACYTOID DENDRITIC CELLS REDUCE RENAL INJURY IN MURINE ADRIAMYCIN NEPHROPATHY

D Zheng, Q Cao, Y Sun, Y Wang, VWS Lee, G Zheng, TK Tan, J Ince, SI Alexander, DCH Harris, Y Wang

HUMAN PROXIMAL TUBULE EPITHELIAL CELLS: THEIR ROLE IN IMMUNE MODULATION

R Wilkinson, XJ Wang, H Healy

UPREGULATION OF TRPV1 IN MONONUCLEAR CELLS OF ESKD PATIENTS INCREASES SUSCEPTIBILITY TO N-ARACHIDONOYL-DOPAMINE-INDUCED CELL DEATH

CI Saunders, DA Kunde, RG Fassett, DP Geraghty

COULD INFLUENZA VACCINATION BE ASSOCIATED WITH THE DEVELOPMENT OF ANCA-ASSOCIATED VASCULITIS?

LS Jeffs, PR Hurtado, J Nitscke, RJ Faull, CA Peh

## 1530 – 1600 AFTERNOON TEA & TRADE EXHIBITION

### CONCURRENT SESSIONS

## 1600 – 1730 AMGEN BASIC SCIENCE AWARD

*Room: Grand Ballroom 2/3*

*Chair: Associate Professor Toby Coates*

MODULATION OF RENAL INJURY FROM URETERAL OBSTRUCTION BY DIETARY SUPPLEMENTATION WITH FISH OIL: EFFECTS ON INFLAMMATION, APOPTOSIS, FIBROSIS AND OXIDATIVE STRESS

JM Peake, GC Gobe, JS Coombes, RG Fassett

CELLULAR MECHANISMS OF ATHEROSCLEROSIS IN APOLIPOPTOEIN-E KNOCKOUT MICE WITH SUBTOTAL NEPHRECTOMY

MBP Tan, N Dodge, YQ Li, E Mouhtouris, D Christiansen, M Sandrin, F Ierino

EARLY EXPRESSION OF PHOSPHO-S6 RIBOSOMAL PROTEIN IS ASSOCIATED WITH PROLIFERATION IN EXPERIMENTAL CRESCENTIC GLOMERULONEPHRITIS

L Succar, DJ Nikolic-Paterson, DC Harris, GK Rangan

HIGH-MOBILITY GROUP BOX1 (HMGB1) CONTRIBUTES KIDNEY ISCHEMIA REPERFUSION INJURY

H Wu, J Ma, P Wanf, KR Wyburn, SJ Chadban

TOLL LIKE RECEPTOR 9 LIGATION ENHANCES EXPERIMENTAL CRESCENTIC GLOMERULONEPHRITIS

SA Summers, OM Steinmetz, AR Kitching, SR Holdsworth

FT011, A NOVEL SYNTHETIC ANTI-FIBROTIC DRUG, ATTENUATES RENAL INJURY AND ALBUMINURIA IN EXPERIMENTAL DIABETIC NEPHROPATHY

Y Zhang, A Cox, RM Gow, S Williams, S Zammit, H Krum, RE Gilbert, DJ Kelly

- 1600 – 1730 SEMINAR: CLINICAL SCIENCE**  
Impact of dialysis modalities on sleep apnea  
**Professor Christopher Chan**  
Home, *n.* The place of last resort – open all night  
**Dr Mark Marshall**  
Your network needs you  
**Australasian Kidney Trials Network**  
*Room: Federation Concert Hall*  
*Chair: Dr Kevan Polkinghorne*
- 1730 – 1830 ANZSN AGM**  
*Room: Grand Ballroom 2/3*
- 1830 Welcome Reception**  
*Room: Exhibition Area – Federation Ballroom*

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**Tuesday 8 September 2009**

- 0830 – 0930 PLENARY LECTURE**  
Pathophysiology of Acute Kidney Injury  
**Professor Prasad Devarajan**  
*Room: Federation Concert Hall*  
*Chair: Professor David Power*
- 0930 – 1100 SEMINAR: ANZDATA SESSION**  
Introduction & LD Registry  
**Prof Steve Chadban**  
Socio-economic aspects of ESKD  
**Dr Andrew Brunskill**  
Indigenous renal disease  
**Dr Matthew Jose**  
CVD during HD & PD  
**Dr Fiona Brown**  
CVD post transplantation  
**Dr Helen Pilmore**  
Deceased organ donors  
**Associate Professor Stephen McDonald**  
Cancer in kids  
**Dr Steve McTaggart**  
*Room: Federation Concert Hall*  
*Chair: Professor Steven Chadban*
- 1100 – 1130 MORNING TEA & TRADE EXHIBITION**
- 1130 – 1300 CONCURRENT SESSIONS**  
**KIDNEY HEALTH AUSTRALIA**  
Clinical Science Award (Oral Presentations)  
*Room: Federation Concert Hall*  
*Chair: Professor Tim Mathew*  
CORRELATION BETWEEN HLA-ANTIBODY DETECTION BY SOLID-PHASE LUMINEX ASSAY,  
CDC AND FLOW CYTOMETRY IN LIVING DONOR KIDNEY TRANSPLANTATION  
B A Pussell, N Watson on behalf of the Luminex Study Group  
ABO-INCOMPATIBLE RENAL TRANSPLANTATION WITHOUT RITUXIMAB OR SPLENECTOMY  
–CLINICAL AND HISTOLOGICAL OUTCOMES BEYOND 12 MONTHS  
T Barbour, S Flint, R Walker, P Hughes, G Becker, R Millar, A Robertson, M Finlay, A Landgren, S Cohny

THE IMPACT OF AGGRESSIVE RISK FACTOR MODIFICATION IN RENAL TRANSPLANT RECIPIENTS WITH IMPAIRED GLUCOSE TOLERANCE OR DIABETES ON THE DEVELOPMENT OF DE NOVO CARDIAC EVENTS

M Kaiser, K Armstrong, C Hawley, R Pidcock, D Johnson, JB Prins, T Marwick, N Isbel

INTENSITY OF CONTINUOUS RENAL REPLACEMENT THERAPY IN CRITICALLY ILL PATIENTS WITH SEVERE ACUTE KIDNEY INJURY

A Cass, R Bellomo, L Cole, S Finfer, M Gallagher, S Lo, C McArthur, S McGuinness, J Myburgh, R Norton, C Scheinkestel, S Su for the RENAL Study Investigators

TO DETERMINE THE CARDIOVASCULAR RISK IN VOLUNTARY KIDNEY DONORS WITH POST-DONATION GLOMERULAR FILTRATION RATE (EGFR) < 60ML/MIN COMPARED TO AGE AND SEX MATCHED CONTROLS (WITH EGFR OF > 60ML/MIN) AND TO PERSONS WITH STAGE 3 CHRONIC KIDNEY DISEASE (EGFR 30-60ML/MIN)

CT Yew, G Talaulikar, W Abhayaratna

DETERMINATION AND VALIDATION OF AORTIC CALCIFICATION MEASUREMENT FROM LATERAL BONE DENSITOMETRY IN CKD PATIENTS

ND Toussaint, KK Lau, BJ Strauss, KR Polkinghorne, PG Kerr

**1130 – 1300 SEMINAR: BASIC SCIENCE**

What are the best rodent models for diabetic nephropathy?

**Professor Agnes Fogo**

Sex, drugs nephron and number: roles in developmental programming

**Dr Karen Moritz**

The evolution of autoimmune disease: SLE, malaria and gene copy number variation

**Professor Ken Smith**

*Room: Grand Ballroom 2/3*

*Chair: Professor Phil Poronnick*

**1300 – 1400 LUNCH & TRADE EXHIBITION**

**CONCURRENT POSTER SESSIONS**

**1400 – 1530 Dialysis 2**

*Room: Grand Ballroom 1*

*Co-Chairs: Dr Nicholas Gray, Dr Geoff Kirkland*

PERITONEAL DIALYSIS PATIENTS DIFFER FROM HAEMODIALYSIS PATIENTS AT START OF DIALYSIS

K Madhan

NON-PSEUDOMONAL GRAM NEGATIVE PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, TREATMENT AND OUTCOMES IN 837 CASES

EM Jarvis, CM Hawley, SP McDonald, FG Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

EXAMINING THE EFFECT OF OUTSOURCING PERITONEAL DIALYSIS TRAINING ON PATIENT OUTCOMES

K Tai, P Snelling, M Gallagher, V Levidiotis

DO DIFFERENT FAT DISTRIBUTION PROFILES EXPLAIN THE CONFLICTING EFFECTS OF OBESITY IN THE DIALYSIS AND GENERAL POPULATION?

R Pellicano, K Polkinghorne, B Strauss, P Kerr

IS WAIST CIRCUMFERENCE OR WAIST-HIP-RATIO A BETTER PREDICTOR OF ABDOMINAL VISCERAL FAT IN THE DIALYSIS POPULATION?

R Pellicano, K Polkinghorne, B Strauss, P Kerr

A CASE OF ACUTE HYDROTHORAX COMPLICATED PERITONEAL DIALYSIS

Y Cho, D Ranganathan, V D'Intini

BASELINE CHARACTERISTICS OF THE PATIENTS PARTICIPATING IN THE HONEYPOT TRIAL

DW Johnson on behalf of the HONEYPOT Study group

PROPHYLAXIS FOR PERITONEAL EXIT SITE INFECTIONS WITH MUPIROCIN

S Venuthurupalli, L Williams, D Ranganathan

PERITONEAL DIALYSIS ASSOCIATED PERITONITIS: EXPERIENCE FROM A PROVINCIAL SERVICE

E Maher, [K Madhan](#)

COAGULASE NEGATIVE STAPHYLOCOCCAL PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, AND OUTCOMES IN 936 CASES

[M Fahim](#), CM Hawley, SP McDonald, FG BRown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

STREPTOCOCCAL PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, TREATMENT AND OUTCOMES

[S O'Shea](#), CM Hawley, SP McDonald, FG Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

ADEQUACY OF METABOLIC CONTROL AND UTILIZATION OF DIABETIC HEALTH SERVICES BY END STAGE RENAL DISEASE (ESRD) PATIENTS WITH DIABETES MELLITUS UNDERGOING DIALYSIS THERAPY – AN AUDIT

[N Mugunthan](#), T Titus, B Hiremagalur, M Forbes, P Davoren

ENTEROCOCCAL PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: AN ANALYSIS OF 116 CASES

[M Edey](#), CM Hawley, SP McDonald, FG Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

CORYNEBACTERIUM PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, TREATMENT AND OUTCOMES IN 82 CASES

[KA Barraclough](#), CM Hawley, SP McDonal, F Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

POLYMICROBIAL PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, TREATMENT AND OUTCOMES IN 359 CASES

[KA Barraclough](#), CM Hawley, SP McDonald, FG Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

CULTURE-NEGATIVE PERITONITIS IN AUSTRALIAN PERITONEAL DIALYSIS PATIENTS: PREDICTORS, TREATMENT AND OUTCOMES IN 435 CASES

[M Fahim](#), CM Hawley, SP McDonald, FG Brown, JB Rosman, KJ Wiggins, KM Bannister, DW Johnson

QUALITY IMPROVEMENT OF PERITONEAL DIALYSIS PERITONITIS MANAGEMENT

S Mirkov, [H Thein](#)

CYTOKINES IN PERITONEAL DIALYSIS: A 24 MONTH OBSERVATIONAL PROSPECTIVE STUDY IN INCIDENT PERITONEAL DIALYSIS PATIENTS

[MM Tee](#), K Polkinghorne, GH Tesch, FG Brown

MANAGEMENT OF FLUID BALANCE IN PERITONEAL DIALYSIS PATIENTS

[KJ Manley](#), C Crellin, C Nowson

PERITONEAL DIALYSIS, GASTROPARESIS AND MALNUTRITION

[K Salamon](#), J Woods

1400 – 1530

## **General Nephrology 2**

*Room: Federation Concert Hall (All posters in this session are displayed in the Federation Foyer)*

*Co-Chairs: Dr Vlado Perkovic, Dr Richard Yu*

A SYSTEMATIC REVIEW OF OUTCOMES IN CHRONIC KIDNEY DISEASE PATIENTS REFERRED LATE TO NEPHROLOGISTS

N Smart, L Dooley, [T Titus](#)

FACTORS ASSOCIATED WITH LATE REFERRAL FOR RENAL FAILURE IN PATIENTS WITH DIABETES

[A Brunskill](#), GE Reiber, R Etzioni, AJ Karter, SP McDonald

A NATIONAL AUDIT OF INFORMATION PROVIDED TO NEW CKD STAGE 5 PATIENTS – RESULTS FROM A PILOT STUDY

[RL Morton](#), J Moustakas, K Howard, AC Webster, P Snelling

ADDRESSING RISK FACTORS IN CKD-MBD: CAN WE INFLUENCE PATIENT-LEVEL OUTCOMES?

[S O'Shea](#), DW Johnson

A TRIAL OF PHARMACOLOGIC PREVENTION OF ALBUMINURIA, HYPERTENSION AND DIABETES IN ABORIGINES

WE Hoy, [SK Sharma](#), CE Swanson, G Allcock, B McLeo<sup>2</sup>, M Dunbar, C Heslop, S Kondalsamy-Chennakesavan



MEDICATION USE AND CHRONIC DISEASE PROFILES IN ONE HIGH RISK ABORIGINAL COMMUNITY  
[JA Scott](#), SK Sharma, CE Swanson, H Bloomfield, SA Mott, ZM Wang, WE Hoy

RENAL NUTRITION DATA COLLECTION PRACTICES DO NOT ALIGN WITH EVIDENCE BASED  
PRACTICE GUIDELINES  
[P Juffs](#), L Gillen, H Healy

BODY MASS INDEX IS INDEPENDANTLY ASSOCIATED WITH INFLAMMATORY BURDEN IN PATIENTS  
WITH CHRONIC KIDNEY DISEASE  
[WG Petchey](#), S Campbell, C van Eps, D Mudge, D Johnson, C Hawley, N Isbel

THE IN VITRO INFLUENCE OF NUTRITIONAL COMPOUNDS ON INFLAMMATORY MARKERS AND  
TISSUE FACTOR IN CKD  
[CM Shing](#), MJ Adams, RG Fassett, JS Coombes

HOW DOES THE NEW DIAGNOSTIC CRITERIA FOR PROTEIN-ENERGY WASTING IN CHRONIC  
KIDNEY DISEASE COMPARE WITH THE ICD-10 AM DEFINITIONS?  
[S Denmeade](#), L Moynahan, JD Bauer

VALIDATING A SCORED SALT QUESTIONNAIRE AGAINST QUANTITATIVE SALT ASSESSMENT IN  
RENAL PATIENTS  
[E Gill](#), C Yang, L Gillen, L Lloyd, A Kark, H Healy

ACUTE KIDNEY INJURY IN LEPTOSPIROSIS PATIENTS  
[AM Abdurahman](#), R Bandiara, HMR Soelaeman

BROWN TUMOUR(S) OF SACRAL SPINE PRESENTING AS SCIATIC PAIN IN A HAEMODIALYSIS PATIENT  
WITH SECONDARY HYPERPARATHYROIDISM  
[E Jarvis](#), R Baer, M Cooper, A Kark, V D'Intini

THROMBOTIC MICROANGIOPATHY ASSOCIATED WITH PRIMARY EOSINOPHILIC DISORDER  
SUCCESSFULLY TREATED WITH IMATINIB  
[D Lee](#), A Lim, A Simmance, S Badve, A Skene, S Dayan, M Roberts

CAST AWAY: A CASE REPORT  
[V Roberts](#), J Whitlam, S Mendis, P HILL, DA Carney, RG Langham

RESOLUTION OF SOFT TISSUE CALCIFICATIONS AFTER PARATHYROIDECTOMY IN  
HYPERPARATHYROIDISM RELATED TO END STAGE RENAL DISEASE  
[T Thirugnanasambanthan](#), G Kon, V Manickam

SUCCESSFUL THERAPEUTIC USE OF RITUXIMAB IN REFRACTORY *DE NOVO* MEMBRANOUS  
NEPHROPATHY  
[S Ratanjee](#), [Y Cho](#)

PATIENTS' EXPERIENCES AND PERSPECTIVES OF LIVING WITH CHRONIC KIDNEY DISEASE  
[A Tong](#), P Sainsbury, S Chadban, RG Walker, DC Harris, SM Carter, B Hall, C Hawley, JC Craig

THE VIEWS OF PATIENTS AND CARERS IN TREATMENT DECISION MAKING FOR CHRONIC KIDNEY  
DISEASE: A SYSTEMATIC REVIEW OF QUALITATIVE STUDIES  
[RL Morton](#), A Tong, K Howard, P Snelling, AC Webster

#### **I400 – I530 Tubulointerstitial Disease and Diabetic Nephropathy**

*Room: Harbour View 1*

*Co-Chairs: Dr Timothy Hewitson, Dr Glorian Qi*

SENESCENCE-ASSOCIATED CHANGES IN HUMAN PRIMARY PROXIMAL TUBULAR EPITHELIAL CELLS  
CJ Percy, DW Johnson, [GC Gobe](#)

ANGIOTENSIN II MEDIATES EPITHELIAL-TO-MESENCHYMAL TRANSFORMATION IN TUBULAR CELLS  
BY ANGI-7 AND MAS-1 DEPENDENT PATHWAYS  
[WC Burns](#), MC Thomas

MACROPHAGE MATRIX METALLOPROTEINASE-9 CONTRIBUTES TO RENAL FIBROSIS VIA TUBULAR  
CELL EPITHELIAL-MESENCHYMAL TRANSITION  
[TK Tan](#), GP Zheng, TT Hsu, Y Wang, V Lee, YP Wang, DC Harris

LEFTY INHIBITS TGF- $\beta$ 1 INDUCED EPITHELIAL TO MESENCHYMAL TRANSITION IN RAT TUBULAR EPITHELIAL CELLS VIA INHIBITION OF SUSTAINED JNK SIGNALLING

MT Sachchithananthan, GH Tesch, SL Verhardt, L Hurst, DJ Nikolic-Paterson

TAK1 REGULATES PRO-INFLAMMATORY AND PRO-FIBROTIC RESPONSES IN TUBULAR EPITHELIAL CELLS

FY Ma, GH Tesch, E Ozols, M Xie, MD Schneider, DJ Nikolic-Paterson

ROLE OF MANNOSE 6-PHOSPHATE RECEPTOR INHIBITOR ON ACTIVE TRANSFORMING GROWTH FACTOR  $\beta$ 1 PRODUCTION IN HK2 CELLS

MG Wong, S Sumual, U Panchapakesan, W Qi, XM Chen, C Pollock

THE ROLE OF VEGF IN THE PATHOGENESIS OF RENAL INJURY IN INDIGENOUS POPULATIONS

O Ischenko, AJ Cox, J Cooper, MA Hughson, RG Langham

CO-LOCALISATION OF SCARB2 AND RENIN IN RAT KIDNEY

D Lee, M Desmond, S Fraser, M Katerelos, K Gleich, D A Power

PROTEINURIA IN THE SCARB2 KNOCKOUT MOUSE

M Desmond, M Katerelos, S Fraser, K Gleich, M Thomas, DA Power

SIS3 INHIBITS TUBULOINTERSTITIAL FIBROSIS IN THE OBSTRUCTED MOUSE KIDNEY BY PREVENTING PHOSPHORYLATION AND ACETYLATION OF SMAD3

J Li, Xinli Qu, SD Ricardo, JF Bertram, D Nikolic-Paterson

EFFECTS OF HYPOXIA AND HYPERGLYCEMIA ON REGULATION OF PROXIMAL TUBULAR CELL DEDIFFERENTIATION

S Sumual, O Tang, S Saad, X Chen, CA Pollock

THE ROLE OF EGF RECEPTOR IN PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR GAMMA MEDIATED SODIUM AND WATER TRANSPORT IN HUMAN PROXIMAL TUBULE CELLS

S Saad, R Yong, DJ Kelly, CA Pollock

RENAL FUNCTION IS THE MAJOR DETERMINANT OF CIRCULATING SOLUBLE RAGE IN PATIENTS WITH TYPE 1 DIABETES

MC Thomas, PH Groop, on behalf of the FinnDiane Study

TO EVALUATE POTENTIAL CLINICAL IMPLICATIONS OF HPLC COMPARED WITH NEPHLOMETRIC MEASUREMENT OF MICROALBUMINURIA IN DIABETES

D Gunasekara, E Byrnes, J Beilby, S Brown, J Kaye

EFFECTS OF T CELL DEFICIENCY ON THE DEVELOPMENT OF STREPTOZOTOCIN-INDUCED DIABETIC NEPHROPATHY IN RAG1<sup>-/-</sup> MICE

AKH Lim, DJ Nikolic-Paterson, AR Kitching, GH Tesch

REGULATORY MACROPHAGES, BUT NOT REGULATORY T LYMPHOCYTES, PROTECT AGAINST RENAL INJURY IN DIABETIC ENDOTHELIAL NITRIC OXIDE SYNTHASE KNOCKOUT MICE

V Lee, D Zheng, Y Wang, S Alexander, D Harris

TOLL LIKE RECEPTOR 2 AND 4 ACTIVATION IN THE EARLY DIABETIC KIDNEY

J Ma, H Wu, SJ Chadban

THE ROLE OF miRNAs IN PREVENTING THE DEVELOPMENT OF DIABETIC RENAL FIBROSIS

O Tang, XM Chen, CA Pollock

TRANILAST ATTENUATES THIOREDOXIN INTERACTING PROTEIN (TXNIP), OXIDATIVE STRESS AND INTERSTITIAL FIBROSIS IN A MODEL OF DIABETIC NEPHROPATHY

SM Tan, W Qi, Y Zhang, DJ Kelly

LACK OF THE ANTIOXIDANT GLUTATHIONE PEROXIDASE-1 (GPx1) ACCELERATES NEPHROPATHY IN THE DIABETIC ApoE<sup>-/-</sup>GPx1<sup>-/-</sup> MOUSE, AND THIS EFFECT IS AMELIORATED BY THE GPx-MIMETIC EBSELEN

P Chew, N Stefanovic, J Pete, K Jandeleit-Dahm, ME Cooper, JB De Haan

## CONCURRENT SESSIONS

1600 – 1730

### BASIC SCIENCE

Oral Presentations

Room: *Grand Ballroom 2/3*

Co-Chairs: *Dr Greg Tesch, Associate Professor Glenda Gobe*

ACE2 MEDIATES HYPERFILTRATION ASSOCIATED WITH EXPERIMENTAL DIABETES

C Tikellis, R Brown, MC Thomas

CELL DIVISION AUTOANTIGEN I (CDA.I), A NOVEL MOLECULAR TARGET FOR INHIBITING RENAL FIBROSIS

T Wu, Y Tu, Y Pham, A Dai, Z Cao, B Toh, ME Cooper, Z Chai

THE DIVERSITY OF MACROPHAGE PHENOTYPE DURING THE INJURY AND REMODELING PHASES OF ISCHEMIA-REPERFUSION INJURY

MA Alikhan, AL Fletcher, TM Williams, S Sakkal, JA Deane, SD Ricardo

TH1 AND TH17 CELLS INDUCE EXPERIMENTAL PROLIFERATIVE GLOMERULONEPHRITIS BY DIFFERENT CELLULAR EFFECTORS

SA Summers, OM Steinmetz, M Li, JY Kausman, T Semple, K Edgton, D Bogdan-Borza, H Braley, S Holdsworth, AR Kitching

THE INTERLEUKIN-27 RECEPTOR PROMOTES EARLY IMMUNE INJURY BUT LATER LIMITS DISEASE IN EXPERIMENTAL CRESCENTIC GLOMERULONEPHRITIS

SA Summers, RKS Phoon, SR Holdsworth, AR Kitching

THE ABSENCE OF TLR2 and MYD88 EXACERBATES PROGRESSIVE ADRIAMYCIN NEPHROPATHY

P Wang, H Wu, J Ma, SJ Chadban

1600 – 1730

### CLINICAL SCIENCE

Oral Presentations

Room: *Federation Concert Hall*

Co-Chairs: *Associate Professor Ashley Irish, Associate Professor Nicole Isbel*

PREDICTING ESRD USING CYSTATIN C, GLOMERULAR FILTRATION RATE AND URINE ALBUMIN TO CREATININE RATIO IN ABORIGINAL PEOPLE

Z Wang, WE Hoy

LONG-TERM OUTCOME OF PEOPLE WITH LOW eGFR

MD Jose, P Otahal, G Kirkland, L Blizzard

EFFECT OF HOMOCYSTEINE LOWERING ON CLINICAL OUTCOMES IN PEOPLE WITH KIDNEY DISEASE: A META-ANALYSIS

A Kang, SU Nigwekar, V Perkovic, S Zoungas, T Ninomiya, SD Navaneethan, MP Gallagher, G Strippoli, A Cass, MJ Jardine

SAFETY AND EFFICACY OF INFLUENZA VACCINATION IN PATIENTS WITH ANCA-ASSOCIATED VASCULITIS AND HEALTHY CONTROLS

LS Jeffs, J Cassidy, S Schepetiuk, PR Hurtado, RJ Faull, CA Peh

HLA-ANTIBODY DETECTION BY SOLID-PHASE LUMINEX ASSAY PREDICTS OUTCOMES FOLLOWING RENAL TRANSPLANTATION

B A Pussell, N Watson on behalf of the Luminex Study Group

LOWER TACROLIMUS LEVELS ARE ASSOCIATED WITH INCREASED INTERSTITIAL FIBROSIS/TUBULAR ATROPHY (IF/TA) AT 1 YEAR IN A COHORT OF LOW-RISK RENAL TRANSPLANT RECIPIENTS

S Flint, RG Walker, M Finlay, A Landgren, S Cohny

1900 – 2400

### ASM DINNER

*City Hall*

**0830 – 0900 TJ NEALE AWARD INVITED LECTURE**

Molecules to man: Developing anti-fibrotics for the treatment of chronic kidney disease

**Associate Professor Darren Kelly**

*Room: Federation Concert Hall*

*Chair: Associate Professor Richard Kitching*

**0900 – 1000 PLENARY LECTURE**

The progression and potential regression of chronic kidney disease

**Professor Agnes Fogo**

*Room: Federation Concert Hall*

*Chair: Professor John Bertram*

**1000 – 1100 SEMINAR**

Biomarkers of AKI – Principles and applications

**Professor Prasad Devarajan**

Triaging patients with AKI: The EARLYARF Trial

**Professor Zoltan Endre**

*Room: Federation Concert Hall*

*Chair: TBA*

**1100 – 1130 MORNING TEA & TRADE EXHIBITION**

**CONCURRENT POSTER SESSIONS**

**1130 – 1300 Hypertension and Cardiovascular Complications**

*Room: Grand Ballroom 1*

*Co-Chairs: Dr Karen Moritz, Dr Matthew Roberts*

MODERATE OR SEVERE REDUCTIONS IN NEPHRON ENDOWMENT DO NOT LEAD TO HYPERTENSION OR RENAL DYSFUNCTION

LM Ruta, RD Brown, MM Kett

CONSEQUENCES OF A LIFE-LONG PROTEIN RESTRICTION COUPLED WITH A HIGH SALT INTAKE FOR CARDIOVASCULAR AND RENAL DISEASE

KM Denton, KM Moritz, RG Evans, Arena, JF Bertram

VASCULAR FUNCTION AND INFLAMMATION OF NEPHRECTOMISED APOLIPOPROTEIN E KNOCKOUT MICE IN RESPONSE TO VOLUNTARY EXERCISE

CM Shing, RG Fassett, JS Coombes

IN VITRO ENDOTHELIAL CELL TUBE-FORMING CAPACITY REDUCED BY TRANSPLANT SERA, BUT MIGRATION INCREASED BY HAEMODIALYSIS SERA

S Sen, SP McDonald, PTH Coates, CS Bonder

HAEMODYNAMICS OF DEXAMETHASONE-INDUCED HYPERTENSION IN THE RAT

SLH Ong, M Sutton, Y Zhang, JA Whitworth

THE EFFECT OF AEROBIC TRAINING COMPARE TO AEROBIC WITH RESISTANCE TRAINING IN REDUCING BLOOD PRESSURE IN PRE-HYPERTENSIVE INDIVIDUALS

WR Homan, J Kurniarobbi, MBH Marbun

EFFECT OF DIETARY APPROACH TO PREVENT HYPERTENSION USING THE INDONESIAN VERSION OF THE DASH DIET IN PREHYPERTENSION SUBJECTS IN URBAN PEKAN BARU

H Harahap, H Hardiansyah, B Setiawan, LEffendi

NOCTURNAL HYPERTENSION IN CHRONIC KIDNEY DISEASE (CKD)

EA D'Almeida, RS Nanra, SC Carney, AHB Gillies, BJ Jones, P Trevillian

CENTRAL ARTERIAL STIFFNESS IS NOT SIGNIFICANTLY ALTERED BY ACUTE KIDNEY INJURY

JS Gan, JS Coombes, JE Sharman, J Gowardman, RG Fassett

CHRONIC KIDNEY DISEASE IS ASSOCIATED WITH IMPAIRMENT IN AORTIC DISTENSIBILITY

EQUIVALENT TO THAT OF ESTABLISHED CORONARY ARTERY DISEASE

BK Dundon, DK Torpey, MI Worthley, AJ Nelson, B Paul, KF Williams, CA Peh, TJ Elias, KM Bannister, SG Worthley, RJ Faull

VASCULAR STRUCTURE AND FUNCTION IN ALTERNATE NIGHTLY NOCTURNAL HAEMODIALYSIS  
CL van Eps, L Jeffries, B Haluska, CM Hawley, J Jeffries, DW Johnson, SB Campbell, NM Isbel, DW Mudge, TH Marwick

NO IMPROVEMENT IN CARDIAC STRUCTURE AND FUNCTION IN ALTERNATE NIGHTLY HAEMODIALYSIS

CL van Eps, L Jeffries, B Haluska, CM Hawley, J Jeffries, DW Johnson, SB Campbell, NM Isbel, DW Mudge, TH Marwick

KIDNEY REPLACEMENT THERAPIES ARE ASSOCIATED WITH INCREASED RATES OF HOSPITAL SEPARATION AND MORTALITY FOR ACUTE CARDIAC EVENTS

S Sen, B Tong, SP McDonald

BETA-BLOCKER TO LOWER CARDIOVASCULAR DIALYSIS EVENTS (BLOCADE) TRIAL: STUDY PROTOCOL

Matthew Roberts on behalf of the BLOCADE Study group

CARDIOVASCULAR MRI DEMONSTRATION OF MALADAPTIVE CARDIOVASCULAR COMPENSATION FOLLOWING ELECTIVE ARTERIO-VEIN FISTULA CREATION IN CHRONIC KIDNEY DISEASE

BK Dundon, DK Torpey, MI Worthley, KF Williams, CA Peh, TJ Elias, KM Bannister, SG Worthley, RJ Faull

SURGICAL ARTERIO-VEIN FISTULA CLOSURE FOLLOWING SUCCESSFUL RENAL TRANSPLANTATION IS ASSOCIATED WITH IMPROVEMENTS IN CARDIAC, BUT NOT VASCULAR, STRUCTURE AND FUNCTION: A CARDIOVASCULAR MRI STUDY

BK Dundon, DK Torpey, MI Worthley, KF Williams, CA Peh, TJ Elias, KM Bannister, SG Worthley, RJ Faull

ARTERIOVENOUS FISTULA CREATION (AVF) – PERCEIVED AND ACTUAL BARRIERS IN AUSTRALIAN AND NEW ZEALAND UNITS

P Lopez-Vargas, M Gallagher, J Craig, R Walker, P Snelling, E Pedagogos, N Gray, M Divi, A Gillies, M Suranyi, H Thein, K Polkinghorne on behalf of the CARI Implementation Sub-Committee

HIGH RATE OF SCREENING FAILURE IN THE FAVOURED STUDY

A Irish on behalf of the FAVOURED Study group

INCIDENCE OF VASCULAR ACCESS COMPLICATIONS IN HOME HAEMODIALYSIS PATIENTS

MJ Damasiewicz, PG Kerr, L Linehan, KR Polkinghorne

FISTULA SURVEILLANCE WITH THE TRANSONIC QC FLOW MONITOR

S Govindarajulu, M Schoch, JWM Agar

1130 – 1300

### **General Nephrology 3**

*Room: Harbour View 1*

*Co-Chairs: Associate Professor Neil Boudville, Associate Professor Eugenia Pedagogos*

HEALTH CARE EXPENDITURE ON CHRONIC KIDNEY DISEASE IN AUSTRALIA 2004–05

F Green, C Ryan

THE HEALTHY KIDNEY CLINIC – AN EARLY CHRONIC KIDNEY DISEASE MODEL OF CARE

RKS Phoon, E Atai

FREQUENCY, AETIOLOGY AND TREATMENT OF CHILDHOOD END STAGE KIDNEY DISEASE IN AUSTRALIA AND NEW ZEALAND

N Orr, S McDonald, S McTaggart, P Henning, J Craig

IS A REPEAT URINE CULTURE USEFUL DURING ANTIBIOTIC THERAPY FOR FEBRILE URINARY TRACT INFECTION?

N Anantasit, P Dissaneewate, E Mcneil, P Vachvanichsanong

CLINICAL REMISSION OF IGA NEPHROPATHY (IGAN)

D Packham

AN UNUSUAL PRESENTATION OF PRIMARY ALDOSTERONISM: RHABDOMYOLYSIS WITH ACUTE RENAL FAILURE

AG Ritchie, SLH Ong

AN UNUSUAL RENAL MANIFESTATION OF HBV INFECTION

A Aravindan, G Suryanarayanan, K Howlin, A Jeffreys, T Spicer, B Cleland, J Wong, B Hall, J Yong, MG Suranyi

TWO YEARS' EXPERIENCE OF THE WESTMEAD AMYLOIDOSIS CLINIC

E Vilayur, MW Lin, G Stewart, D Gottlieb, J Taper, L Thomas, RKS Phoon

SENSIPAR DRUG REACTION... OR IS IT?

E O'Lone, M Lonergan

HYPONATREMIA AND PULMONARY OEDEMA AFTER AN IRONMAN TRIATHLON

G Stefanko, B Lancashire, JS Coombes, RG Fassett

DISTAL RENAL TUBULAR ACIDOSIS CAUSED BY NEUROFEN PLUS ABUSE: A CASE SERIES

A Mather, R Busbridge, R Yu, D Waugh

A COMPARISON OF CT GUIDED VERSUS REALTIME ULTRASOUND GUIDED PERCUTANEOUS RENAL BIOPSY

M Komala, N Lee, B Cooper, P Coleman, YY Shen, A Mather, S Roxburgh, V Perkovic, D Waugh, S McGinn

DAY CARE KIDNEY BIOPSIES ARE SAFE IN PATIENTS WITH ADVANCED KIDNEY DYSFUNCTION

S Venuthurupalli, A Kark, D Ranganathan, V D'Intini, S Ratanjee, RG Fassett, H Healy

GLUTATHIONE PEROXIDASE AND SUPEROXIDE DISMUTASE: GENOTYPE AND ENZYME ACTIVITY IN PROGRESSION OF CHRONIC KIDNEY DISEASE

A Crawford, DA Kunde, KDK Ahuja, IK Robertson, JS Coombes, MJ Ball, RG Fassett, DP Geraghty

URINE PROTEOMICS AND AGE-RELATED MACULAR DEGENERATION

RH Guymer, O Ischenko, J Goh, R Langham

PENTOXIFYLLINE IMPROVES HAEMOGLOBIN LEVELS IN CHRONIC KIDNEY DISEASE BY AN IL-6 DEPENDENT MECHANISM

P Ferrari, D Mallon, D Trinder, JK Olynyk

ANAEMIA PREVALENCE AMONG NEW REFERRALS TO NEPHROLOGY OUTPATIENTS IN SOUTH EAST QUEENSLAND

EP Noble, NA Gray, DW Johnson, PR Hollett, CM Hawley, SB Campbell, DW Mudge, NM Isbel

EXTEND: AN OBSERVATIONAL COHORT STUDY OF EXTENDED DOSING WITH ARANESP® (DARBEPOETIN ALFA) IN CHRONIC KIDNEY DISEASE PATIENTS NOT ON DIALYSIS – INTERIM ANALYSIS

MG Suranyi, C Tolman on behalf of the EXTEND Steering Committee

CARE PROJECT: A MULTI CENTRE CLINICAL PRACTICE AUDIT OF MANAGEMENT OF ANAEMIA WITH ESAS IN CHRONIC KIDNEY DISEASE PATIENTS IN AUSTRALIA

A Mather, D Waugh

1130 – 1300

### Transplantation

*Room: Federation Concert Hall (All posters in this session are displayed in Grand Ballroom 1)*

*Co-Chairs: Associate Professor David Mudge, Associate Professor Frank Ierino*

THE WESTERN AUSTRALIAN EXPERIENCE WITH PAIRED KIDNEY DONATIONS

P Ferrari, C Woodroffe, FT Christiansen

LAPAROSCOPIC ADJUSTABLE GASTRIC BAND IN AN OBESE LIVING UNRELATED DONOR PRIOR TO KIDNEY TRANSPLANTATION

AN Koshy, S Wilkinson, JS Coombes, RG Fassett

COMPARING THE OUTCOME OF TUMOUR-RESECTED KIDNEY TRANSPLANTATION WITH LIVE-DONOR AND DECEASED-DONOR TRANSPLANTATION – THE WESTERN AUSTRALIA EXPERIENCE

HD Nguyen, D Gunasekara, B He, A Mitchell, L Delriviere, W Lim

COMMERCIAL KIDNEY TRANSPLANTATION: AN AUSTRALIAN EXPERIENCE

YY Shen, SE Kennedy, BA Pussell, DA Waugh, PV Collett, S McGinn

BONE PARAMETER MONITORING PRE- AND POST-RENAL TRANSPLANTATION

RW Yu, PT Coates, RJ Faull, PS Coates

MELIOIDOSIS, AN EXTREMELY UNUSUAL INFECTION IN A RENAL TRANSPLANT RECIPIENT

T Han, R Alipour

AN UNUSUAL CASE OF DISSEMINATED FUNGAL INFECTION IN A RENAL TRANSPLANT RECIPIENT

R Bency, G Wong, L Anderson, JR Chapman

CONGENITAL MALFORMATIONS WITH LOW DOSE MYCOPHENOLATE MOFETIL AFTER KIDNEY TRANSPLANTATION

AN Koshy, D Strong, G Earles, RG Fassett

COMPARISON OF FOUR COMMONLY USED IMMUNOSUPPRESSANTS ON VASCULAR FUNCTION, OXIDATIVE STRESS AND INFLAMMATION IN VITRO

CM Shing, L Brown, RG Fassett, LA Lexis, JS Coombes

PROLONGED ELIMINATION OF EVEROLIMUS IN A RENAL TRANSPLANT PATIENT WITH SYSTEMIC OEDEMA

DM Roberts, GM Carney

ACUTE ONSET NON-DEPENDENT UPPER ARM LYMPHOEDEMA CAN BE A LONG TERM ADVERSE REACTION TO SIROLIMUS THERAPY: CASE REPORT

T Kwan, G Talaulikar, S Gananadha

EIGHTEEN PATIENTS TREATED FOR REFRACTORY ACUTE ANTIBODY MEDIATED REJECTION WITH A PROTOCOL INCLUDING RITUXIMAB

WR Mulley, JP Dowling, FJ Hudson, R Holdsworth, J Kanellis

RENAL TRANSPLANTATION FOR ANTIPHOSPHOLIPID SYNDROME WITHOUT REVERSAL OF WARFARIN

R Baer, DW Mudge, SB Campbell, M Ray

ALLOGRAFT THREATENING ANTIPHOSPHOLIPID SYNDROME IN A RENAL TRANSPLANT RECIPIENT WITH SYSTEMIC LUPUS ERYTHEMATOSIS (SLE)

A Crosthwaite, T Barbour, M Finlay, P Hughes, S Cohney

RENAL CELL CARCINOMA OF THE RENAL ALLOGRAFT – A CASE SERIES AND REVIEW OF THE LITERATURE

M Fahim, S Mark, C Hawley, R Robson

ACUTE THORACIC AORTA DISSECTION IN A RENAL ALLOGRAFT RECIPIENT WHO HAS ALPORT SYNDROME

JS Gan, G Kirkland, M Jose

THE PREVALENCE AND IMPACT OF ABNORMAL GLUCOSE REGULATION POST RENAL TRANSPLANT ON CARDIOVASCULAR RISK

H DO Nguyen, D Chan, S Dogra, W Lim

KIDNEY TRANSPLANT OUTCOMES AMONG THE MAORI AND PACIFIC PEOPLES OF NEW ZEALAND

MG Collins, AJ Brunskill, SP McDonald, JF Collins, ID Dittmer

ADOLESCENT EXPERIENCES FOLLOWING KIDNEY TRANSPLANTATION: A SYSTEMATIC REVIEW OF QUALITATIVE STUDIES

A Tong, R Morton, K Howard, JC Craig

1300 – 1400

**LUNCH & MEETING CLOSE**