





43rd Annual Scientific Meeting of the Australian and New Zealand Society of Nephrology

Gold Coast Convention Centre, Broadbeach, Queensland, Australia
8-12 September 2007

- Welcome
- Abstract Submission
- Travel Grant Applications
- Registration / Social Functions
- Nephrology Update Scientific Program
- Additional Meetings
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ANNUAL SCIENTIFIC MEETING PROGRAM

For a printable PDF of this program please [CLICK HERE](#).

The Nephrology Update Course program is also now available to view. Please [CLICK HERE](#) to open the PDF. Please note this program is subject to change.

Saturday 8 September 2007

0830 - 1000	Session 1: Vasculitis and the Kidney
	Immunology of Vasculitis, Professor Caroline Savage, Birmingham
	Room: Meeting Room 5
1000 - 1030	Morning Tea - Meeting Room Foyer
1030 - 1200	Session 2: Haemodialysis
	Haemodialysis Adequacy: What does it mean?, Alan Parnham
	In-Centre Nocturnal Haemodialysis: Can it be done?, Nick Gray
	Room: Meeting Room 5
1200 - 1300	Lunch - Meeting Room Foyer
1300 - 1430	Session 3: Interventional Nephrology and Peritoneal Dialysis
	Interventional Nephrology: Doing it yourself, Murty Mantha
	New PD solutions, Fiona Brown
	Room: Meeting Room 5

1430 - 1500	Afternoon Tea - Meeting Room Foyer
1500 - 1630	Session 4: General Nephrology Symposium Bone Health in CKD, dialysis and transplant, Graeme Elder and Carolyn Van Eps Room: Meeting Room 5
1630	Postgraduate graduate meeting concludes
Postgraduate dinner – offsite location	

Sunday 9 September 2007

Proudly Sponsored by Novartis Pharmaceuticals

0800 - 0900

Immunology and the new drugs - an immunological background - where new drugs work and how/when to use them, **Scott Campbell**

0900 - 1100

Live donor sessions

Marginal donors - assessment of risk and the registry

Desensitisation and ABO incompatibility

Review tissue typing with focus on Luminex v CDC and flow

P Trevillian and T Coates

Room: Meeting Room 5

1100 - 1130

Morning Tea - Meeting Room Foyer

1130 - 1230

Other solid organ grafts - combined grafts, management tricks, issues liver heart - **S Lynch and D Myers**

Room: Meeting Room 5

1230 - 1300

Steroid withdrawal protocols - the risks and benefits - **Harry Moody**

	Room: Meeting Room 5
1300 - 1345	Lunch - Meeting Room Foyer
1345 - 1445	Diabetic Nephropathy H Parving
1445 - 1545	Chronic allograft dysfunction - this would include diagnostic approach, management early (sirolimus, CNI reduction etc) and late (prep for re-Tx or dialysis, when to stop IS, when to take out graft etc), Brian Nankivell, Hypothetical
1545 - 1600	Afternoon Tea - Meeting Room Foyer
1600 - 1700	Surgical issues - bladder and prostate probs, lymphoceles, wound healing and sirolimus, when to ligate the old AVF etc.
1700	Nephrology and Transplantation Update concludes

Monday 10 September 2007

0700 - 0830	DOPPS Breakfast Meeting Room: Meeting Room 1	Proudly Sponsored by Amgen
0830 - 0930	Session 1: Plenary Lecture 1 Room: Arena 1B	Chair: Associate Professor Robyn Langham Proudly Sponsored by Janssen-Cilag
	Prevention And Treatment Of Diabetic Nephropathy Professor Hans-Henrik Parving, Department of Endocrinology, National Hospital, Copenhagen Denmark	
0930 - 1100	Session 2: Young Investigator Award Room: Arena 1B	Chair: Professor Robert Walker Proudly Sponsored by Bristol-Myers Squibb

0930 - 0945	1000 Deficiency Of MKK3 Reduces Diabetic Renal Injury In db/db Mice <u>A Lim, D Nikolic-Paterson, F Ma, R Flavell, R Davis, G Tesch</u>	
0945 - 1000	1001 Elevated Blood Pressure, Reduced Cardiac Functional Reserve And Impaired Renal Function Following Fetal Uninephrectomy In Male Lambs <u>R Singh, J Bertram, A Jefferies, K Denton, K Mortiz</u>	
1000 - 1015	1002 Characterisation Of In-Vivo And In-Vitro Propagated Dendritic Cells From Callithrix Jacchus (Common Marmoset) – A Novel Primate Renal Transplant Model <u>S Prasad, S Kireta, A Milton, G Russ, P Coates</u>	
1015 - 1030	1003 CpG Oligodeoxynucleotide Stimulates The Production Of Anti-Neutrophil Cytoplasmic Antibodies In Vitro <u>L Jeffs, P Hurtado, J Nitschke, C Peh</u>	
1030 - 1045	1004 Contrasting Roles Of Transcription Factors T-bet And STAT6 In The Development Of Experimental Crescentic Glomerulonephritis <u>R Phoon, A Kitching, D Odobasic, L Jones, T Semple, S Holdsworth</u>	
1045 - 1100	1005 Sodium Depletion Causes Activation Of The Energy Sensor AMPK And Phosphorylation Of NKCC2 At A Regulatory Site <u>N Cook, S Fraser, M Katerelos, K Gleich, F Katsis, V Levidiotis, B Kemp, D Power</u>	
1100 - 1130	Morning Tea & Trade Exhibition – Arena 2, Gold Coast Convention & Exhibition Centre	
1130 - 1300	Session 3A: Dialysis 1 Poster Session Room: Arena 1A	Chair: Bruce Cooper and Dr Fiona Brown
		Proudly Sponsored by Baxter
	1006 Longer Dialysis Treatment Time is Associated with Better PO4 Control and Higher QoL <u>P Kerr, J Bragg-Gresham, M Marshall, A Disney, R Pisoni, F Port</u>	
	1007 Improvement In Serum Phosphate For Clients Exercising on Haemodialysis Is Unrelated To Dietary Phosphorous Intake <u>K Simpson-Gore, P Bennett, L Breugelman, B Barnard</u>	
	1008 Gender Differences In Calcium And Phosphate Metabolism In The Haemodialysis Unit <u>E Curry, J Wei, J De Zoysa</u>	
	1009 Cardiac Calcification and Parathyroid Hormone In Chronic Hemodialysis Patients In Semarang <u>D Partiningrum, W Lestariningsih, M Rahmawati</u>	
	1010 Preoperative Imaging For Localization Of Abnormal Glands In Hyperparathyroidism Secondary To Renal Disease	

S Venuthurupalli, D Ranganathan, A Ravi Kumar

1011 *Role Of Tc-99m Scintigraphy In Diagnosing Secondary Hyperparathyroidism And Its Correlation With PTH, Calcium And Phosphate In Dialysis Patients*
R Bandiara, D Nariman, E Sukandar, J Masjhur, H Hussein

1012 *Recycling Reject Water: A New Essential For All Facility-Based Dialysis Services*

J Agar, S Wilson, J Magoffin, R Knight, C Somerville

1013 *Water-Wise Home Dialysis: New Essentials For Home-Based Dialysis Installations*

J Agar, S Wilson, R Simmonds, J Boddington, J Magoffin, C Somerville

1014 *Water-Wise Home Dialysis: Re-using R/O Reject Water But With A High Conductivity, Revert-To-Mains Manual-Alarming System*

J Agar, R Simmonds, J Boddington, J Magoffin, R Hungerford, T Hinton

1015 *Successful Twin Pregnancy In A Liver Transplant Recipient Requiring Haemodialysis*

D Mudge, A Morton, S Campbell

1016 *Achieving Successful Pregnancies In Chronic Haemodialysis Patients: Outcomes And Challenges*

P Henning, W Hague, K Jureidni, M Morton, R Perry, K Bannister

1017 *Adiponectin And Associated Factors In Chronic Ambulatory Peritoneal Dialysis (CAPD) Patients*

Y Kandarini, K Suwitra, W Raka

1018 *Relationship Between Dialysis Modality And Plasma Adiponectin Level*

W Sudhana, K Suwitra, I Widiana

1019 *Comparison Of Hemodialysis And Peritoneal Dialysis: Quality Of Life And Its Parameters*

N Samsu, A Gunawan

1020 *High Membrane Transport Status On Peritoneal Dialysis Is Not Associated With Reduced Survival Following Transfer To Haemodialysis*

K Wiggins, S McDonald, F Brown, J Rosman, D Johnson

1021 *The Role Of Kidney Disease Related Loss In Dialysis Patients' Quality Of Life: Depression And Positive Affect As Mediating Factors*

R Chan, R Brooks, J Erlich, J Chow, M Suranyi

1022 *The Association Between Quality Of Life (SF36) And Body Compartment (BIA) Parameters In Regular Hemodialysis Patients*

T Sukendar, A Nasution, A Rahim, R Lubis, Z Bustami

1023 Mortality In The Dialysis Population – When Should Termination Of Dialysis Be Considered?

C Murtagh, D Gregory, H Austin, H Gock

1024 Sustaining Life But Accepting Death: Exploring Advanced Treatment Choices In An Australian Dialysis Population

S Wilson, R Knight, J Agar

1130 - 1300

**Session 3B: General Nephrology 1 Poster
Session
Room: Foyer E**

**Chair: Dr Vlado Perkovic and Dr
Matt Jose**

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Bristol-Myers Squibb**

1025 The Association Between Retinopathy And Albuminuria In Patients With Diabetes. A Retrospective Study From An Auckland General Practice

M Al-Khafaji, J Collins

1026 The Relationship Between HBA1C And Mean Plasma Glucose In Chronic Kidney Disease

S Zoungas, K Polkinghorne, B Sjoberg, H Teede, P Kerr

1027 Defend: A Community-Based Model Of Care To Improve Blood Pressure Control In Maori And Pacific Patients With Diabetic Nephropathy

J Collins, C Hotu, W Bagg, L Harwood, G Gamble, G Braatvedt

1028 An Unusual Cause Of Post-Infectious Glomerulonephritis

S Choy, M Desmond, M Lanteri, J Martin, P Hill

1029 Interstitial Nephritis Secondary To SSRI's

D Cooke, G Kirkland, D Challis, M Jose

1030 An Unusual Pulmonary-Renal Syndrome

A Lim, S Blair, J Dowling, J Kanellis

1031 Nephrocalcinosis, Clubbing And Hypertrophic Osteoarthropathy Associated With Anorexia And Senna Abuse

A Lim, D Hooke, P Kerr

1032 Cinacalcet, A Novel Treatment For Tertiary Hyperparathyroidism (THP) Complicating X-Linked Hypophosphataemic Rickets (XLH)

J Kausman, D Bockenhauer, W Van't Hoff

1033 What Is So Unusual About Hypercalcaemia In Myeloma?

A Arayindan, J Saunders, B Depczynski, J Wong, B Cleland, A Jeffereys, A Makris, S Spicer, M Suranyi, K Howlin

1034 Thrombotic Thrombocytopenic Purpura: A Single Centre Fourteen Year

Experience**N Frawley, A Ng, C Hogan, A Grigg, S Cohney, K Nicholls, G Becker****1035 N Acetyl Cysteine: Does It Help Prevent Cisplatin Induced Nephropathy? Study From Animal to Human****I Effendi, P Siregah, A Wijarnako****1036 Lupus Nephritis Class IV: Outcomes Of Cytotoxic Therapy, A Single Centre Experience****M Fernando, C Herath****1037 The Use Of Rituximab In Membranous Lupus Nephritis: A Case Report****M Kaiser, C Peh, K Bannister****1038 In The Era Of Chronic Kidney Disease, What Do We Biopsy?****D Cooke, G Kirkland, D Challis, M Jose****1039 Parental Perspectives On Caring For A Child With Chronic Kidney Disease****A Tong, A Lowe, J Craig, P Sainsbury****1040 An Evaluation Of The CARI Guidelines By Guideline Users****R Walker, M Irving, D Johnson, S McDonald, M Frommer, J Craig****1041 Effectiveness Of Multifaceted Intervention Strategy For The Caring For Australasians With Renal Impairment (CARI) Guidelines****M Irving, M Gallagher, M Frommer, K Polkinghorne, S McDonald, S Roger, R Walker, J Craig****1130 - 1300****Session 3C: Pathology, Immunobiology And Developmental Nephrology Poster Session
Room: Foyer F****Chair: Associate Professor
Melissa Little and Dr Toby Coates****Proudly Sponsored by
Baxter****1043 JNK Blockade Protects Against Renal Ischaemia/Reperfusion Injury In The Rat**
F Ma, J Kanellis, R Kandane, B Bennett, G Friedman, D Nikolic-Paterson**1044 The Role Of Hepatocyte Growth Factor In Recovery Of Renal Tubular Structure, Function And Polarity Following Anoxic Injury**
R Fielding, T Evans**1045 Absence Of Membrane Attack Complex (MAC), Delays Onset Of Proteinuria In Heymann Nephritis (HN)****B Hall, R Boyd, S Hodgkinson, N Carter, G Tran, K Plain, N Verma, C Robinson****1046 Podocyte Activation Of JNK Signaling Precedes Proteinuria In Rat PAN Nephrosis****F Ma, J Liu, D Nikolic-Paterson****1047 Adriamycin Nephropathy Severity Is Ameliorated By IL-6R: Role For T Regs**

T Polhill, Y Wang, G Zhang, Y Wang, M Hu, D Mahajan, D Harris, S Alexander

1048 Mice Overexpressing TGF- β 1 Are Protected Against Crescentic Glomerulonephritis

X Huang, A Chung, L Zhou, A Li, X Wang, H Lan

1049 Sirolimus Reduces Renal Injury In Experimental Crescentic Glomerulonephritis

L Succar, J Lai-Kwon, D Nikolic-Paterson, G Rangan

1050 By Homing To Kidney Programmed Macrophages Potently Modify Renal Injury

C Wang, Y Wang, V Lee, D Harris

1051 Normal Renal Vascular Development Is Dependant On Crim1 And Its Regulation Of VEGFA

L Wilkinson, G Kinna, T Gilbert, D Pennisi, M Little

1052 Colony Stimulating Factor (CSF)-1 Promotes Nephrogenesis And Postnatal Growth In Newborn Mice

S Ricardo, C Jones, M Little, D Hume

1053 Postnatal Kidney Development In The Mouse: Focus On When And How Nephron Formation Ceases

T Gilbert, B Gardiner, S Grimmond, M Little

1054 Roles For Renal Cilia During Renal Injury And Repair

J Deane, E Verghese, S Ricardo, L Wang, J Bertram

1055 Renal Cilium Length Alterations During Injury, Repair And Recovery Of Function In Human Renal Allografts

J Deane, E Verghese, P Hill, S Ricardo, R Langham

1056 Th1 And Th2 Responses Induce Separate Lineages Of CD4+CD25+T Cells That Mediate Allograft Tolerance

N Verma, K Plain, M Nomura, C Robinson, R Boyd, G Tran, N Carter, S Hodgkinson, B Hall

1057 Transplant Accommodation Is Associated With Long Term Renal Allograft Survival After Transplantation Into Highly

Sensitised Recipients

S Summers, A Salama, T Cook, H Clarke, A Dorling

1058 Transplantation In The Presence Of A Positive Crossmatch And Donor Specific Anti-HLA Antibodies

J Greenall, S Flint, R Masterson, R Walker, B Tait, M Finlay, A Langdren, F Hudson, L Cantwell, S Cohney

1059 Splenectomy As A Treatment For Antibody Mediated Rejection

S Flint, J Greenall, R Masterson, M Finlay, M Christie, D Francis, S Cohney

1060 <i>Operational Aspects Of The Australian And New Zealand Renal Biopsy Bank</i> R Gow, O Ischenko, K Wiggins, R Langham		
1300 - 1400	Lunch & Trade Exhibition - Arena 2, Gold Coast Convention & Exhibition Centre	
1400 - 1530	Session 4: Seminar 1 Advances in Understanding Autoimmunity and its treatment Room: Arena 1B	Chair: Associate Professor Richard Kitching Proudly Sponsored by Abbott and Wyeth Australia
1400 - 1445	Dysfunction Of The RNA Interference Machinery In The Pathogenesis Of Autoimmune Disease Dr Carola Vinuesa , John Curtin School of Medical Research, Canberra ACT, Australia	
1445 - 1530	New Approaches To Therapy For Autoimmune Renal Disease Professor Caroline Savage , University of Birmingham, United Kingdom	
1530 - 1600	Afternoon Tea & Trade Exhibition – Arena 2, Gold Coast Convention & Exhibition Centre	
1600 - 1730	Session 5: Best Posters Award Session Room: Arena 1B	Chair: Professor Paolo Ferrari Proudly Sponsored by Bristol-Myers Squibb
1600 - 1645	Basic Science Best Poster Award	
	1061 Phosphorylation Of NKCC1 By The AMP Activated Protein Kinase (AMPK) M Katerelos , S Fraser, I Gimenez, I Jennings, B Michelle, B Kemp, D Power	
	1062 Human EPCR In Transgenic Mice Exhibit Increased Resistance To Collagen Induced Intravascular Thrombosis H Gock , O Ischenko, J Roussel, P Cowan, A D'Apice	
	1063 Colony Stimulating Factor Reverses Established Renal Injury In An Acute Ischemic Mouse Model S Ricardo , M Alikhan, N Campanale, D Hume, M Little	
	1064 Placental Insufficiency Causes Growth Restriction And A Nephron Deficit But No Hypertension In Female Offspring K Moritz , M Mazzuca, A Mibus, A Tan, D Arena, A Siebel, J Owens, M Wlodek	
	1065 The Protease Activated Receptor 1 Inhibitor SCH79797 Protects Against Renal Ischaemia Reperfusion Injury J Erlich , S Kennedy, P Peake, J Charlesworth	

1066 *Allograft Tolerance Mediating CD4+T Cells Depend Upon Interferon-Gamma (IFN γ) Or Interleukin-5 (IL-5)*
B Hall, N Verma, K Plain, G Tran, R Boyd, S Hodgkinson, N Carter, C Robinson

1645 - 1730

Clinical Science Best Poster Award

1067 *Accuracy Of Urine Dipsticks For Diagnosing Albuminuria In Indigenous And Non-Indigenous Children*
L Haysom, R Williams, E Hodson, P Lopez-Vargas, L Roy, S Lyle, J Craig

1068 *A Study Comparing The Differences In Vascular Access Utilization For Haemodialysis In Rural And Urban Patients*
E D'Alemeida, S May, M Panat

1069 *Obesity And 5-Year Incidence Of Kidney Disease – Findings From Ausdiab*
S Chadban, S White, K Polkinghorne, A Cass, J Shaw, R Atkins

1070 *Expanded Criteria Donors For Kidney Transplantation: Is The Model For Assessment Of Increased Risk Of Poor Outcome Valid For Australia And New Zealand*
M Collins, S Chang, S McDonald, G Russ

1071 *Crossover Trial Of Porous Dialysis Membrane Verses Conventional High-Flux Membrane: Assessment Of Middle Molecule Clearance And Nutritional Parameters*
R Pellicano, K Polkinghorne, O Tuominen, H Woods, P Kerr

1072 *Chronic Kidney Disease In Tasmania*
M Jose, G Kirkland, G Read

1730 - 1830

ANZSN Annual General Meeting
 Room: Arena 1B

Chair: Associate Professor
 Robyn Langham

1830 - 2030

Welcome Reception
 Foyer E, Gold Coast Convention & Exhibition
 Centre

Proudly Sponsored by
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Tuesday 11 September 2007

0700 - 0830	AKTN Clinical Trials Update Room: Meeting Room 5	
0830 - 1100	Session 6: Plenary Lecture 2 Room: Arena 1B	Chair: Professor Stephen Holdsworth Proudly Sponsored by Roche
0830 - 0930	Pathogenesis of ANCA-associated systemic vasculitis Professor Caroline Savage , University of Birmingham, United Kingdom	
0930 - 1100	Session 7: KHA Clinical Nephrology Award Room: Arena 1B	Chair: Professor David Harris Proudly Sponsored by Kidney Health Australia
0930 - 0945	1073 Deceased Donor Kidney Transplantation: What Are The Effects Of Donor Factors On Graft Outcome In Australia And New Zealand M Collins , S Chang, S McDonald, G Russ	
0945 - 1000	1074 Luminex® Investigation: Low Titer HLA Donor-Specific Antibodies In Positive B-Cell Crossmatches Predict Late Graft Loss H Eng , G Bennett, E Tsiopelas, M Lake, I Humphreys, S Chang, P Bardy, P Coates, G Russ	
1000 - 1015	1075 20 Year Outcomes Of The Australian Multicentre Randomised Trial Of Cyclosporine Withdrawal In Renal Transplantation M Gallagher , M Jardine, A Cass, V Perkovic, J Petrie, S McDonald, J Eris	
1015 - 1030	1076 Cost-Effectiveness Of Breast Cancer Screening In The Dialysis Population G Wong , K Howard, J Craig, J Chapman	
1030 - 1045	1077 Risk For Chronic Disease In Australian Aboriginal And Non-Aboriginal Children – A Population-Based Follow-Up Study L Haysom , R Williams, E Hodson, P Lopez-Vargas, L Roy, D Lyle, J Craig	
1045 - 1100	1078 ABO-Incompatible Renal Transplantation With Modest Immunosuppression And Low Morbidity S Flint , J Greenall, R Masterson, R Walker, C Hogan, A Robertson, D Francis, R Millar, S Cohney	
1100 - 1130	Morning Tea & Trade Exhibition – Arena 2, Gold Coast Convention & Exhibition Centre	
1130 - 1300	Session 8A: Dialysis 2 Poster Session Room: Arena 1A	Chair: Dr Nicholas Gray and Dr Jeff Wong Proudly Sponsored by Baxter Healthcare

1079 A Comparison Of IV Epoetin-Alfa (EPREX) And Darbepoetin-Alfa (ARANESP) In Haemodialysis Patients In The Pilbara Dialysis Unit
A Irish, R Cochrane

1080 The Influence Haemoglobin And Albumin Level On Rehospitalization In Chronic Renal Failure Patients Undergoing Routine Hemodialysis With Cognitive Impairment At Sardjito Hospital
F Irijanto, A Mekah, I Kuswadi, S Darmo Atmodjo, M Sja'bani

1081 Efficacy Of Nurse Driven Protocols For Anaemia Management In Haemodialysis Patients
K Yong, E Yuill, L Kairaitis

1082 Key Performance Indicators In Haemodialysis: Importance Of Comparative Benchmarking
K Bannister, D Torpey

1083 Nocturnal In Centre Haemodialysis (NICH): A Costing Model
N Gray, P Hollett

1084 Nocturnal In Centre Haemodialysis (NICH): Patient Selection And Baseline Characteristics
P Hollett, N Gray

1085 Nocturnal In Centre Haemodialysis (NICH): Six Month Followup Data
P Hollett, N Gray

1086 Hospital Admission Rates In Alternate Nightly Nocturnal Home Haemodialysis
C Van Eps, J Jeffries, T Ng, N Isbel, D Johnston, S Campbell, D Mudge, D Hawley

1087 A Very Low Calorie Diet Program (OPTIFAST®) For A CAPD Patient Trying To Get On The Transplant Waiting List
A Meade, S McDonald

1088 Dietetic Service In Haemodialysis Unit At Logan Hospital 2004-2006
C Lok, A Stack, B Corcoran

1089 Nutritional Indices In Longer Hours Dialysis
R Pellicano, B Strauss, K Polkinghorne, P Kerr

1090 High Prevalence Of Disturbed Appetite In A Well Nourished Dialysis Population
R Zabel, S Ash, C Mortimer, N King, J Bauer

1091 Body Mass Index (BMI) And Cause-Specific Mortality In Patients On Haemodialysis
S Chang, S McDonald

1092 Safety Of Low Dose Intravenous Pethidine In Patients With Severe Renal Failure: A Case Series
K Tan

1093 *A Deadly Thorn Prick***A Aravindan, J Saunders, J Wong, K Howlin, A Jeffreys, A Makris, S Spicer, M Suranyi, B Cleland****1094 *Catheters Below The Belt: How Do Femoral Tunneled Haemodialysis Catheters Fare?*****A Aravindan, J Saunders, N Gonzalez, K Howlin, B Cleland, A Jefferys, A Makris, S Spicer, M Suranyi, J Wong****1095 *Is Right Right Or Left Better? Tunneled Internal Jugular Haemodialysis Catheters*****J Saunders, A Aravindan, N Gonzalez, K Howlin, A Jefferys, A Makris, S Spicer, M Suranyi, B Cleland, J Wong****1096 *Do Tunneled Cuffed Haemodialysis Catheters Just Fall Out?*****J Saunders, A Aravindan, N Gonzalez, K Howlin, A Jefferys, A Makris, S Spicer, M Suranyi, B Cleland, J Wong****1097 *Significant Improvements In Rates Of Catheter Related Bacteraemia: A Single Centre Experience*****M Gallagher, G Stewart, P Collett, R Wyndham, C George, S Kalowski, R Lonergan****1130 - 1300****Session 8B: Clinical Transplantation Poster****Session****Room: Foyer E****Chair: Dr Steven McTaggart and Dr****Hilton Gock****1098 *Live Donor Characteristics Over The Last 15 Years*****M Kaiser, S Campbell, C Hawley, D Johnson, D Mudge, A Griffin, D Wall, J Preston, D Nicol, N Isbel****1099 *Follow-up Of 15 Years Of Live Donors In A Large Australian Renal Transplant Unit*****M Kaiser, N Isbel, C Hawley, D Johnson, D Mudge, A Griffin, D Wall, J Preston, D Nicol, S Campbell****1100 *Laparoscopic Live Kidney Donation At Monash Medical Centre – An Analysis Of Donor And Recipient Outcomes*****I Idel-Ku, D Ku, E Kennedy, A O'Brien, R Bell, M Yui, A Saunder, J Gribbin, P Kerr, K Polkinghorne, J Kanellis****1101 *Determinants Of Long-Term Compensation Of Glomerular Filtration (GFR) In Remnant Kidneys In Voluntary Kidney Donors*****S Yew, K Karpe, G Walters, G Talaulikar****1102 *Making The List: Decision-Making About Patient Suitability For Kidney Transplantation In Australia And Canada*****K Anderson, A Cass, J Devitt, J Cunningham, K Yeates, M Jardine, P Snelling****1103 *Pre-Transplant Pharmacokinetics As A Predictor Of Dose Requirement Post Renal Transplantation*****C Hawley, S Campbell, A Irish, B Hutchison, R Walker, P Ferrari**

1104 Retrospective Observation Of Converting Cyclosporin To Tacrolimus In Renal Transplant Patients At CMDHB
S Mirkov, S Ratanjee, A Knox

1105 The Incidence Of mTORI Induced Pneumonitis In Renal Transplant Patients: A Single Centre Experience
M Fernando, M Hibbert, A Miller, A Gill, A Jackson, T McGee, J Mahony, C Pollock, B Cooper, R Catterson, S McGinn

1106 Laparoscopic Adjustable Gastric Banding Surgery Performed Prior To Renal Transplantation
A Koshy, J Coombes, S Wilkinson, R Fassett

1107 Early Post Transplant Dietary Education – Does It Help Prevent Weight Gain?
A Meade, W Lam, R Ong, S Chang

1108 Post-Transplant Renal Function: Trends And Impact On Survival Outcomes
S Chang, S Chadban, S McDonald

1109 Assessment Of Native Kidney Proteinuria Pre And Post Live Donor Kidney Transplantation To Assess For Persistence
C McClintock, J Mawson, J Eris, S Chadban

1110 Long-Term Follow-up Of Urinary Tract Infections In Renal Allograft Recipients
S Summers, M Blunden, S Rushton, M Yaqoob, S Fan, E Sheridan

1111 Targeted Bisphosphonate Therapy After Kidney And Kidney-Pancreas Transplantation
R Mainra, G Elder

1112 Atypical Knee Pain Post Renal Transplant
A Aravindan, J Saunders, J Wong, B Cleland, A Makris, S Spicer, M Suranyi, K Howlin, A Jeffreys

1113 Varicella Zoster In Renal Transplant Patients – A Case For Screening And Vaccination
A Aravindan, J Saunders, S Munshi, K Howlin, B Cleland, A Jeffreys, A Makris, S Spicer, M Suranyi, J Wong

1114 Cytomegalovirus Prophylaxis With Valganciclovir: A Single Unit Experience
J Greenall, R Walker, S Cohny

1115 BK Polyoma Virus Infection Complicating Adult Renal Transplantation: A Four Year Single Center Experience of 259 Grafts
S Wilson, D Yip, R Walker, S Cohny

1116 BK Viraemic Recurrence Complicating Retransplant In A Patient With Previous Graft Loss Due To BK Nephropathy
S Wilson, S Cohny

1117 Collapsing Glomerulopathy Secondary To Human Parvovirus B19 In A Kidney-Pancreas Transplant Recipient

M Kaiser, C Hawley, D Mudge, S Campbell, D Johnson, N Isbel

1118 Recurrent Fibrillary Glomerulonephritis In A Renal Transplant- Case Study And Literature Review

S Sen, J Barbara, M Coleman

1130 - 1300

Session 8C: Cardiovascular Complications Of CKD Poster Session

Room: Foyer F

Chair:

Chair: Dr Martin Gallagher and Dr Balaji Hiremagalur

1119 Pre-Eclampsia (PE) Or Gestational Hypertension (GH) Presage A High Incidence Of Latent Renal Disease

J Holian, M Ross, B Cooper, S McGinn, E Gallery

1120 Proteinuria As A Predictor Of Coronary Heart Disease – A Systematic Review

V Perkovic, C Verdon, T Ninomiya, F Barzi, J Craig, A Cass, R Huxley

1121 Proteinuria As A Predictor Of Stroke – A Systematic Review

T Ninomiya, V Perkovic, C Verdon, F Barzi, J Craig, A Cass, R Huxley

1122 The Efficacy Of Lower Blood Pressure Goals On The Prevention Of Stroke In Chronic Kidney Disease: Data From The Progress Study

T Ninomiya, V Perkovic, M Gallagher, M Jardine, A Cass, B Neal, S MacMahon, J Chalmers

1123 Role Of Hypertension And ACE Gene Polymorphism In The Occurrence Of Erectile Dysfunction

D Nilasari, S Bakri, A Sinrang, I Yusuf

1124 Plasma Transforming Growth Factor –b1 Level In Hypertensive Patients And Its Relation With Left Ventricular Mass Index

D Nilasari, S Bakri, A Luthfi, P Tandean

1125 Successful Renal Salvage With Sequential Thrombolysis, Stenting And Tirofiban Infusion After Acute Thrombosis Of A Stenosed Renal Artery. A Case Report.

S Kumar, S Roger, E Liang, J Hansen

1126 The Outcome Of Angioplasty And Stenting Of Renal Artery Stenosis: Experience From A Single Centre

J Li, T Yong, R Sebben, S McDonald, P Coates

1127 Outcome Of Renal Artery Stent Revascularisation In Patients With Ischemic Nephropathy At Waikato Hospital

N Ahmed, K Wong, P Sizeland

1128 Associations Between Vascular Calcification, Arterial Stiffness And Bone Mineral Density In Patients With Chronic Kidney Disease

N Toussaint, K Lau, K Polkinghorne, P Kerr

1129 Persistent Troponin T Elevations In Asymptomatic Patients On Dialysis Predict Events And Mortality

M Roberts, N Macmillan, S Ratnaike, K Sikaris, D Hare, M Fraenkel, F Ierino

1130 The Rise And Fall of BNP: Changes In BNP Levels Over Time In Stable Asymptomatic Patients Treated With Dialysis And Kidney Transplantation

M Roberts, N Macmillan, S Ratnaike, K Sikaris, D Hare, M Fraenkel, F Ierino

1131 Impact Of Regular Intra-Dialytic Exercise On Arterial Stiffness And BNP Levels In Haemodialysis Patients

N Toussaint, K Polkinghorne, P Kerr

1132 Treatment Of Patients With Calcific Uraemic Arteriopathy With Hyperbaric Oxygen

N Rogers, D Teubner, P Coates

1133 Prevalence Of Peripheral Arterial Disease And Relationship With Biochemical Parameters In Haemodialysis Patients

A Lubis, D Muhadi, T Sukendar, S Nasution, H Lubis

1134 Cardiovascular Autonomic Neuropathy In Chronic Renal Failure Patients With Regular Haemodialysis

A Lubis, M Ismy, T Sukendar, S Nasution, H Lubis

1135 Prescription Of Evidence-Based Cardioprotective Medications In Auckland Dialysis Patients

C Hood, M Marshall

1300 - 1400 Lunch & Trade Exhibition - Arena 2, Gold Coast Convention & Exhibition Centre

1400 - 1530 Session 9: Best Basic Science Award
Room: Arena 1B

Chair: Dr Toby Coates

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1400 - 1415 1136 TLR4 Activation Mediates Kidney Ischemia Reperfusion Injury: Critical Role For Parenchymal Cells

S Chadban, H Wu, G Chen, K Wyburn, P Bertolino, J Yin, J Eris, S Alexander, A Sharland

1415 - 1430 1137 Essential Role Of SMAD3 In Regulating Th1 And Th2 Immune Response In Anti-GBM Glomerulonephritis

H Lan, R Zhang, C Deng, X Huang

1430 - 1445 1138 Vaccination With CCL2 DNA Protects Against STZ-Induced Diabetic Nephropathy

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

1445 - 1500 1139 Renal Function In Adult Sheep Treated Prenatally With Glucocorticoids : Basal

	<i>Function And The Effects Of A High Salt Diet</i> <u>K Moritz</u>, A Jefferies, E Wintour, R Evans, M Dodic, M Probyn, D Arena, R De Matteo	
1500 - 1515	1140 <i>Endogenous SEMA 4D (CD100) Promotes Glomerular Injury In Experimental Anti-GBM Glomerulonephritis</i> <u>R Kitching</u>, M Li, K O'Sullivan, L Jones, C Lo, T Semple, A Kumanogoh, H Kikutani, S Holdsworth	
1515 - 1530	1141 <i>Blockade Of JNK Signalling Halts Progression Of Established Rat Anti-GBM Glomerulonephritis</i> <u>R Flanc</u>, F Ma, G Tesch, B Bennett, G Friedman, D Nikolic-Paterson	
1530 - 1600	Afternoon Tea & Trade Exhibition – Arena 2, Gold Coast Convention & Exhibition Centre	
1600 - 1730	Session 10A: Dialysis 3 Poster Session Room: Arena 1A	Chair: Dr Martin Gallagher and Dr Balaji Hiremagalur
	<i>Proudly Sponsored by Baxters Healthcare</i>	
	1142 <i>The Effect Of The Vascular Access Nurse On Vascular Access Outcomes: A Before And After Study</i> <u>K Polkinghorne</u>, M Seneviratne, P Kerr	
	1143 <i>Access Infection In Dialysis Patients: A Comparison Of Peritoneal Vs Haemodialysis In A Large Dialysis Population</i> <u>C Clark</u>, D Johnson, C Hawley, K May, S Campbell, N Isbel, D Mudge, J Burke	
	1144 <i>The Effect Of Diabetes Mellitus In A Access Related Infection In Both Peritoneal Dialysis And Haemodialysis Patients</i> <u>C Clark</u>, D Johnson, C Hawley, K May, S Campbell, N Isbel, D Mudge, J Burke	
	1145 <i>The Impact Of Late Referral To A Nephrologist On Access Infections In Peritoneal Dialysis (PD) And Haemodialysis (HD)</i> <u>C Clark</u>, D Johnson, C Hawley, K May, S Campbell, N Isbel, D Mudge, J Burke	
	1146 <i>Evaluation Of Patients Starting Dialysis Without A Permanent Access In A Single Unit: Scope For Improvement</i> <u>M Vucak-Dzumhur</u>, M Gallagher, S Kalowski, R Wyndham, C George, P Collett	
	1147 <i>Type Of Vascular Access And Patient Survival: A 5-Year Cohort Study</i> <u>J Fiore-Chapman</u>, D Verran, J Nicholson, A Gillin	
	1148 <i>Vascular Access Trends In ANZ From DOPPS – Influence Of Vascular Access Nurses</i> <u>P Kerr</u>, S Elder, M Marshall, A Disney, R Pisoni, F Port	
	1149 <i>Predictors Of Early Dialysis Vascular Access Failure Post-Thrombolysis</i>	

D Lee, S Crikis, D Power, F Ierino, V Levidotis

1150 Percutaneous Transvenous Angioplasty (PTVA) In Treatment Of Vascular Access Stenosis And Thrombosis: Procedural Experience Of A Nephrologist In A Regional Centre

M Mantha

1151 Embolize The Fistula, Save A Life

J Saunders, A Aravindan, D Leung, K Howlin, A Jeffreys, A Makris, S Spicer, M Suranyi, J Wong, B Cleland

1152 A Rare Cause Of CAPD Peritonitis

J Saunders, A Aravindan, J Wong, K Howlin, B Cleland, A Jeffreys, A Makris, S Spicer, M Suranyi

1153 Peritonitis In Australian Peritoneal Dialysis Patients: Microbiology, Treatment And Outcomes

J Ghali, S McDonald, K Bannister

1154 A Study Of Catheter Tip Migration In Coiled Versus Straight Peritoneal Dialysis Catheters

S May, K McNamarra

1155 The Effects Of Dialyser Flux And Nocturnal Home Haemodialysis (NHD) On b2 Microglobulin Clearance: Cross-Over Analysis In An Australian NHD Population

S Wilson, C Waldron, C Somerville, J Agar

1156 The Influence Of Heparin on Occurrence Of Osteoporosis In Patients On Maintenance Haemodialysis

N Samsu, M Qulyubi

1157 The Effect Of N-Acetyl Cysteine To Reduce MDA, CRP And IL-6

F Irijanto, I Kuswadi, M Sja'bani, S Darmo Atmodjo, S Harsoyo, E Kamindang, M Hardianti, S Laksmisari, L Ike

1158 The Effect Of Intravenous N-Acetylcysteine On Homocysteine Clearance Of New And Reused Dialyzers

R Bandiara, A Afiatin, R Roseli, A Martakusumah, E Sukandar

1159 Intravenous N-Acetylcysteine During Haemodialysis Reduces Homocysteine And Asymmetric Dimethylarginine In ESRD Patients: A Randomized Double Blind Controlled Trial

M Thaha, B Widodo, Pranawa, H Yogiantoro, Y Tomino

1160 Comparing The Relative Survival Advantage By Standardized Mortality Ratio Of An Australian NHD Cohort And A Matched Conventional HD Cohort From USRDS

S Wilson, C Van Eps, C Hawley, C Blagg, J Agar

1161 GFR At Start Of Dialysis – A Study Of Australia And New Zealand Practice

K Madhan

1162 Recovery Of Renal Function In End-Stage Renal Failure – Comparison Between Peritoneal And Haemodialysis

J Macdonald, S McDonald, J Rosman, F Brown, K Wiggins, D Johnson

1600 - 1730

Session 10B: General Nephrology 2 Poster

Session

Room: Foyer E

Chair: Dr Troy Kay and Dr Murray Leikas

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1163 Eliciting Priorities For Research From Patients With Chronic Kidney Disease

A Tong, P Sainsbury, D Harris, R Walker, C Hawley, S Chadban, B Hall, S Carter, J Craig

1164 Are Trial-Based Clinical Practice Guidelines Possible In Chronic Kidney Disease?

A Tong, D Campbell, J Craig

1165 Prevalence Of Chronic Kidney Disease In South Auckland Primary Care

M Al-Khafaji, M Marshall, G Sincalair

1166 Addressing Chronic Kidney Disease In New Zealand. Taranaki Renal Disease (TARDIS) Programme

K Madhan

1167 Chronic Kidney Disease Screening In Aboriginal Communities In The Hunter New England Health Region

L Salem, D Yarnold, A Gillies, J Lowe, A Cass

1168 Prevalence Of Proteinuria For Early Detection Of Chronic Kidney Disease In West Java Province People, Indonesia

R Supriyadi, R Soelaeman, E Sukandar, R Bandiara

1169 Chronic Kidney Disease, Microinflammation And Associated Factors In UBUD, BALI: A Community Based Study

I Widiani, K Suwitra

1170 Longitudinal Analysis Of Accuracy Of Estimated Glomerular Filtration Rate (eGFR) Versus GFR As Renal Function Declines In Chronic Kidney Disease (CKD)

D Lee, A Levin, S Roger, L McMahon

1171 Correlation Between Serum Cystatin C And 99m TC-DPTA Glomerular Filtration Rate In Newly Diagnosed Type 2 Diabetes Mellitus Patients

R Supriyadi, S Dewi, R Soelaeman, E Sukandar

1172 Estimated Glomerular Filtration Rate (eGFR) < 60mL/min/1.73m² With Normal Serum Creatinine Does Not Predict Significant Loss Of eGFR In Five Years Compared To Controls

J Ghali, C Reilly, D Gillis, K Bannister

1173 Absolute And Relative Accuracy Of The MDRD Equation And Cockcroft Gault Equation For Estimating GFR And Diagnosing CKD

N Cross, P Roderick, R Mitchell, P Macaskill, J Craig

1174 *The Prevalence Of Obesity In CKD*

J Frazier, D Johnson, C Hawley, S Campbell, D Mudge, C Van Eps, N Isbel, J Leslie

1175 *Is Weight Change Adequate To Assess Change In Nutritional Status In CKD Patients?*

K Campbell, S Ash, P Davies, J Bauer

1176 *The Safety Of Iron Polymaltose In Chronic Kidney Disease Patients*

J Saunders, A Aravindan, D Knagge, J Wong, K Howlin, B Cleland, A Jeffreys, A Makris, S Spicer, M Suranyi

1177 *Impact of Impaired Renal Function On Patient Outcomes Following Cardiac Surgery*

A Hedley, P Syam, M Shaw, B Buxton, F Ierino

1178 *Risk Factors For Renal Dysfunction And Patient Outcome Following Cardiac Surgery*

A Hedley, M Shaw, B Buxton, F Ierino

1179 *Glutathione Peroxidase Genotype And Enzyme Activity In Chronic Kidney Disease*

J Coombes, A Crawford, D Kunde, I Robertson, M Ball, R Fassett, D Geraghty

1600 - 1730

Session 10C: Pathology Diabetes and Tubular Disease Poster Session

Room: Foyer F

Chair: Dr Vicki Levidiotis and Dr Greg Tesch

1180 *CD39 Expression Impacts On The Development Of Proteinuria In The Multiple-Low Dose Streptozotocin-Induced Model Of Type 1 Diabetes*

J Chia, P Cowan, K Dwyer

1181 *The Novel ET-1A Receptor Antagonist Avosentan Decreases Albuminuria In Streptozotocin Induced Diabetic ApoE Knockout Mice*

K Jandeleit-Dahm, A Watson, A Soro-Paavonen, T Allen, M Thomas, C Schumacher, M Cooper

1182 *Quantification Of The Diabetic MREN2 Model: Kidney Function And Renal Vasoactivity*

G Findon, J Hill, Z Endre

1183 *Progression Of Nephropathy In The Diabetic MREN2 Rat: Relative Contributions Of Diabetes And Hypertension*

Z Endre, E Perry, G Findon, J Hill

1184 *Perindopril Attenuates Tubular Hypoxia And Inflammation In An Experimental Model Of Diabetic Nephropathy In Transgenic REN-2 Rats*

K Wiggins, V Tiauw, Y Zhang, R Gilbert, R Langham, D Kelly

1185 Aliskiren, A Novel Renin Inhibitor, Versus ACE Inhibitor In Advanced Experimental Diabetic Nephropathy
Y Zhang, R Gilbert, D Kelly

1186 Ligation And Ablation 5/6 Nephrectomy Models For Induction Of Chronic Kidney Failure, And Haemodynamic Investigation
J Hill, G Findon, J Foster, Z Endre

1187 Phospho-Regulation Of NKCC2 Mediated Renal Sodium Transport By AMP-Activated Protein Kinase
S Fraser, M Yaman, B Michelle, B Kemp, V Levidiotis, D Power

1188 High Glucose Induces Thioredoxin-Interacting Protein (TXNIP) Via Kruppel-Like Factors Dependent Pathways And The Upregulation Of TXNIP By High Glucose Is Attenuated By Thiazolidinediones
W Qi, J Holian, X Chen, D Kelly, C Pollock

1189 Interaction Of Bone Morphogenic Protein (BMP) Receptors With High Glucose And TGF Beta In A Human Proximal Tubular Cell Line
M Wong, E Mreich, J Holian, W Qi, X Chen, C Pollock

1190 Lefty Inhibits Transforming Growth Factor-b1 (TGF-b1) Mediated Epithelial To Mesenchymal Transdifferentiation (EMT) In Rat Tubular Epithelial Cells
M Sachchithananthan, G Tesch, L Hurst, D Nikolic-Paterson

1191 Transcription Factor KLF4 – Induced Transcriptional Profile In Human Proximal Tubule (HK-2) Cells
J Holian, W Qi, X Chen, C Pollock

1192 Kruppel-Like Factor 4 Reduces Macrophage Migration Inhibitory Factor In Human Proximal Tubule Cells
E Mreich, X Chen, W Qi, C Pollock

1193 Thiazolidinediones (TZDs) Attenuate High Glucose And KLF4/KLF6 - Induced Macrophage Inhibitory Protein-3 Alpha (MIP-3a) In Human Proximal Tubule (HK-2) Cells
J Holian, W Qi, X Chen, C Pollock

1194 Macrophages Induce Renal Tubular Epithelial-Mesenchymal Transition
T Tan, G Zhang, Y Wang, V Lee, Y Wang, D Harris

1195 The Molecular And Cellular Changes Associated With Ageing And Disease In The Kidney
C Percy, L Brown, D Johnson, D Power, G Gobe

1196 Adiponectin Receptors Are Present In The Kidney And Renal Transplantation Ameliorates The Effect Of ESKD On Adiponectin And Its Receptors
Y Shen, P Peake, J Kelly, J Charlesworth

1197 The Expression of HIF2a In Renal Cortical Fibroblasts Exposed To High Glucose And Hypoxia

S Sumual, U Panchapakesan, A Ashton, S McGinn, C Pollock

1198 Cystogenesis Precedes Cardiovascular Disease In A Rat Model Of Autosomal Recessive Polycystic Kidney Disease

J Coombes, K Ghatora, R Loxley, Y Tan, J Phillips, G Rangan

1830

**ASM Dinner
Radisson Resort Gold Coast**

Wednesday 12 September

0830 - 0900

Session 11: TJ Neale Award
Room: Arena 1B

Chair: Professor David Johnson

0900 - 1000

TJ Neale Award
Leukocyte Participation In Proliferative Glomerulonephritis
Associate Professor Richard Kitching, Monash University Centre for
Inflammatory Diseases, Clayton, Victoria, Australia

0900 - 1000

**Session 12: Don and Lorraine Jacquot
award recipients**
Room: Arena 1B

Chair: Associate Professor
Randall Faull

Award Recipient Reports
Associate Professor Steve Chadban
Dr Chen Au Peh

1000 - 1100

**Session 13: Seminar 2 Advances in
Haemodialysis**
Room: Arena 1B

Chair: Dr Steve May

**Proudly Sponsored by
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and Gambro**

1000 - 1030

**Vascular Access For Haemodialysis In Australia / New Zealand: Where Do we
Stand?**
Dr Kevan Polkinghorne, Monash Medical Centre, Clayton Victoria, Australia

1030 - 1100

Haemodiafiltration: The Facts, The Fiction And The Future?
Dr Carmel Hawley, Renal Department, Princess Alexandra Hospital,
Woolloongabba Queensland, Australia

1100 - 1130

Morning Tea & Trade Exhibition – Arena 2, Gold Coast Convention & Exhibition

Centre		
1130 - 1230	Session 14: Seminar 3 Hypertension and Cardiovascular Disease Room: Arena 1B	Chair: Dr Darren Kelly <i>Proudly Sponsored by Sanofi-Aventis and Servier Laboratories Australiao</i>
1130 - 1200	Hypertension Is Dead - Where To From Here? Associate Professor Bruce Neal , The George Institute for International Health, Royal Prince Alfred Hospital, Sydney NSW, Australia	
1200 - 1230	New Treatments In Hypertension Professor Henry Krum , Monash University, Alfred Hospital, Melbourne Victoria, Australia	
1230 - 1300	Lunch & Trade Exhibition - Arena 2, Gold Coast Convention & Exhibition Centre	
1300 - 1430	Session 15: ANZDATA Session Room: Arena 1B	Chair: Associate Professor Steven Chadban <i>Proudly Sponsored by Genzyme Australasia</i>
1430	ASM Concludes	

KEYNOTE SPEAKERS

The Conference Organising Committee is pleased to have confirmed the involvement of the following internationally renowned experts. Each speaker has been invited to speak on one of the Conference sub themes.

INTERNATIONAL SPEAKERS

PROFESSOR HANS-HENRIK PARVING

Hans-Henrik Parving was born in Denmark in 1943 and attended The Medical School at the University of Copenhagen graduating in 1969. He trained at different university hospitals in Copenhagen (1969-1983), and specialised in internal medicine (1977) and in endocrinology (1984) at the University of Copenhagen. Dr

Parving was Chief physician at Steno Diabetes Center since 1983 -2006 and is currently Professor and Chief physician Department of Endocrinology, National Hospital, University of Copenhagen.

In 1997 appointed professor at the University of Aarhus, Denmark. Have received several national and international awards including the prestigious Castelli Pedrolì Prize awarded by the European Association for the Study of Diabetes (1997), and the Novartis Award in Diabetes - long standing achievement (1999) to recognise his accomplishment in pathogenesis, early detection, prevention, and treatment of vascular complications of diabetes mellitus, the 2000 COZAAR Investigator Award for Renal Dysfunction. The American National Kidney Foundation International Distinguished Medal for 2001. Awarded the H.C. Hagedorn Prize 2002. Prof. M. Viswanathan Gold Medal Award (2003). The American National Kidney Foundation: Shaul G. Massry Distinguished Lecturer (2004). EU Award: "EUROPE et MÉDECINE" (2004). The Kroc- lecture, University of Washington, Seattle (2006). The Ruth Østerbye award- European Diabetic Nephropathy Study Group, Scotland 2007.

Seventeen research fellows have defended their doctoral thesis (DMSc) from Dr Parving's lab. The present research group consists of 4 full time research fellows. Dr Parving has published more than 360 peer reviewed papers and 80 reviews and text book chapters. Presently he has scientific collaboration with groups in Amsterdam, Paris, Boston, Helsinki and Melbourne.

In 1975 he defended his thesis 'Microvascular permeability to plasma proteins in hypertension and diabetes in man - on the pathogenesis of hypertensive and diabetic microangiopathy' (University of Copenhagen). Subsequently, Dr. Parving focused on studies on diabetic micro- and macroangiopathy. The natural history of diabetic micro- and macroangiopathy was described in large observational studies. Impaired/abolished autoregulation of blood flow was demonstrated in many organs and tissues. The life saving importance of early intensive antihypertensive treatment in diabetic nephropathy was demonstrated. Moreover, the importance of microalbuminuria as a risk marker for development of diabetic kidney disease was reported. Genetic and non-genetic risk factors in the initiation and the progression of diabetic nephropathy were evaluated in several prospective studies. Our prospective studies have demonstrated that elevated circulating NT-proBNP is a new independent major predictor of the excess overall and cardiovascular mortality in albuminuric diabetic patients without symptoms of heart failure. Prevention and treatment of diabetic nephropathy in type 1 patients using ACE and non-ACE inhibitors were evaluated in several randomised prospective studies. In The Steno Type 2 study it was demonstrated that intensified multifactorial intervention delays the progression of microvascular and macrovascular complications in high-risk patients with Type 2 diabetes mellitus and microalbuminuria. Prevention of diabetic

nephropathy and protection against end stage renal disease in Type 2 diabetic patients were documented using angiotensin II receptor antagonist. Recently, the renoprotective effects of dual blockade of the renin-angiotensin system and of ultrahigh doses of angiotensin II receptor antagonists and aldosterone blockade were documented in diabetic nephropathy. The beneficial impact on kidney function and survival of drug induced remission in diabetic kidney documented in Type 1 and 2 diabetic patients.

DR CAROLINE SAVAGE

Caroline Savage is Professor of Nephrology at the University of Birmingham and Honorary Consultant Physician at University Hospitals Birmingham, NHS Foundation Trust. She qualified from the Royal London Hospital Medical School in 1978 and trained in renal medicine at Hammersmith Hospital, London. She is interested in all aspects of renal patient care but has a specific clinical and laboratory interest in immunologically mediated kidney diseases. Professor Savage is also Programme Director of the Wellcome Trust Clinical Research Facility in Birmingham and Chair of the Renal Association Research Committee.

AUSTRALIAN AND NEW ZEALAND INVITED SPEAKERS

DR CAROLA VINUESA

(bio to come)

ASSOCIATE PROFESSOR RICHARD KITCHING

(bio to come)

ASSOCIATE PROFESSOR STEVE CHADBAN

Associate Professor Steve Chadban is a nephrologist and Director of Kidney Transplantation, RPAH & University of Sydney. He is also Group Leader of the Transplantation lab at University of Sydney, Chair – ANZDATA, Member – KCAT, Councillor – TSANZ and Lead investigator – AusDiab Kidney Study.

Steve Chadban is a clinician/scientist working in nephrology and transplantation to:

1. gain a better understand the epidemiology of kidney disease in the community in order to make rational steps to prevent kidney failure.
2. improve the effectiveness of kidney transplantation through conduct of clinical trials and documentation of outcomes through ANZDATA.
3. better understand the molecular mechanisms of transplant rejection with a focus on the contribution of macrophages and innate immunity

He studied Medicine at University of Newcastle (University Medal in Medicine), undertook physician training in Newcastle, specialised in Nephrology and completed a PhD in macrophage biology at Monash with Bob Atkins, then performed a post-doc in immunology at Cambridge, UK. He returned to run the Transplantation program at Monash from 1999-2002, then moved to RPA where he is a full-time staff nephrologist, Director of Kidney Transplantation and researcher. He has spoken at numerous national & international meetings and has produced over 40 papers published in leading international journals including The New England Journal of Medicine and JCI.

DR CHEN AU PEH

Dr Chen Au Peh is a Consultant Renal Physician at the Renal Unit, Royal Adelaide Hospital, and Senior Clinical Lecturer at the University of Adelaide. After obtaining his PHD in the field of antigen presentation, he completed his post-doctoral studies in Oxford with support from the Jacquot Foundation and The Royal Society. Since returning to Australia, he has focused his research work on the pathogenesis of ANCA+ve vasculitis.

DR KEVAN POLKINGHORNE

(bio to come)

DR CARMEL HAWLEY

Dr Carmel Hawley has been a full-time nephrologist at Princess Alexandra Hospital (PAH) for a number of years and was Director of the Nephrology Department between 1997 and 2002. Her current roles include clinical manager of the Haemodialysis Service at PAH and Associate Professor, Department of Population Health, University of Queensland. Other roles include Chair of the Clinical Practice Improvement Centre in Queensland (Renal Collaborative), Chair of the Operations Secretariat for the Australasian Kidney Trials Network, Board Member of Kidney

Health Australia, Co-Chair of the CARI Biochemical and Haematological Guidelines and Member of the CARI bone guidelines group. She has been, or is on a number of Advisory Boards particularly those relating to her major clinical interests which include haemodialysis and renal bone disease. In relation to haemodialysis her main interest relates to innovative dialysis practices.

DR BRUCE NEAL

Dr Bruce Neal is a Senior Director at The George Institute for International Health and Associate Professor of Medicine at The University of Sydney. Bruce completed his medical training at Bristol University in the UK and has a PHD in Medicine from the University of Auckland. Bruce has a substantial track record in cardiovascular research. He had a particular interest in the impact of blood pressure on cardiovascular risk and the comparative effects of different strategies for blood pressure lowering.

PROFESSOR HENRY KRUM

Professor Henry Krum is a well recognised figure in the area of cardiovascular clinical pharmacology and therapeutics, attested to by his extensive professional activities in this area and is currently Director of NHMRC Centre of Clinical Research Excellence in Therapeutics.

Professor Krum is also a physician at the Alfred Hospital in Melbourne and heads Clinical Pharmacology at Monash University and the Alfred Hospital. He has extensive research experience in cardiovascular diseases and clinical pharmacology, something to which his publication record testifies. His interests lie with heart failure and hypertension, and his work spans the fields of both basic and applied sciences.

Professor Krum has been a member of numerous International Steering and Executive Committees for major clinical trials in the area of cardiovascular pharmacotherapy. He is currently Principal Investigator of a number of multicentre investigator-initiated trials testing cardiovascular therapeutic strategies.