

**QMB 2010 Programme**  
**MOLECULAR APPROACHES TO RENAL DISEASE**  
**29<sup>th</sup> August - 30<sup>th</sup> August, 2010**  
**Rydges Hotel, Queenstown, New Zealand**

**Sunday 29<sup>th</sup> August**

<b>Time</b>	<b>Details</b>	<b>Location</b>
8.00am	Registration	<b>Level 5 Lobby</b>
8.50am – 9.00am	<b>Welcome</b> Rob Walker	<b>Clancy's</b>
9.00am – 10.00am	<b>Plenary speaker</b> (introduced by Dan Markovich)  <b>Peter Deen (K1)</b> University of Rabdoud, Nijmegen, The Netherlands <i>Vasopressin type-2 receptor mutants in nephrogenic diabetes insipidus: correction by pharmacological chaperones?</i>	<b>Clancy's</b>
 <b><u>Transporters and Renal Physiology</u></b>  <b>Chaired by Dan Markovich, University of Queensland</b>  		
10.00am – 10.30am	<b>Stefan Bröer (K2)</b> Australian National University, Australia <i>Transport metabolons in the apical membrane</i>	<b>Clancy's</b>
10.30am – 10.50am	<b>Morning Tea</b>	<b>Level 5 Lobby</b>
10.50am – 11.20am	<b>Dan Markovich (K3)</b> University of Queensland, Australia <i>The Sat1 Anion Transporter (Slc26a1) and calcium oxalate urolithiasis</i>	<b>Clancy's</b>
11.20am – 11.40am	<b>John Leader (K4)</b> University of Otago, New Zealand <i>Renal consequences of long-term lithium administration in rats</i>	<b>Clancy's</b>
11.40am – 12.00pm	<b>Rob Walker (K5)</b> University of Otago, New Zealand <i>Long term lithium-induced chronic interstitial fibrosis</i>	<b>Clancy's</b>
12.00pm – 1.00pm	<b>Lunch</b>	<b>Level 5 Lobby</b>

1.00pm – 2.00pm	<p><b>Plenary speaker</b> (introduced by Rob Walker)</p> <p><b>Heddwyn Brooks (K6)</b> University of Arizona, USA <i>Novel mechanisms of vasopressin action: role in renal function and disease</i></p>	Clancy's
<p><b><u>Renal Fibrosis and Inflammation</u></b></p> <p><b>Chaired by Phil Poronnik, RMIT University</b></p>		
2.00pm – 2.30pm	<p><b>Tim Hewitson (K7)</b> University of Melbourne, Australia <i>The kidney and fibrosis- Just say NO</i></p>	Clancy's
2.3 pm – 3.00pm	<p><b>Phil Poronnik (K8)</b> RMIT University, Australia <i>Molecular mechanisms of albuminuria – beyond the podocyte</i></p>	Clancy's
3.00pm – 3.30pm	<p><b>David Nikolic-Paterson (K9)</b> Monash University, Australia <i>TGFβ1-activated kinase (TAK1) in phagocytes and podocytes modulates the development of albuminuria</i></p>	Clancy's
3.30pm – 4.00pm	<b>Afternoon Tea</b>	<b>Level 5 Lobby</b>
4.00pm – 4.20pm	<p><b>Greg Tesch (K10)</b> Monash University, Australia <i>Albuminuria in diabetic nephropathy – role of lymphocytes and macrophages</i></p>	Clancy's
4.20pm – 4.40pm	<p><b>David Harris (K11)</b> University of Sydney, Australia <i>Anti-inflammatory macrophages in renal disease</i></p>	Clancy's
4.40pm – 5.00pm	<p><b>David Power (K12)</b> University of Melbourne, Australia <i>Kidney metabolism, salt reabsorption, renin secretion and the energy-sensing kinase AMPK</i></p>	Clancy's
7.00pm	<b>Dinner at Gantleys</b>	<b>Depart from Rydges Hotel reception at 7pm</b>

## Monday 30<sup>th</sup> August

9.00am – 10.00am	<b>Plenary speaker</b> (introduced by John Leader) <b>Moo Kwon (K13)</b> University of Maryland, USA <i>The transcription factor TonEBP in inflammation and kidney disease</i>	Clancy's
<b><u>Biomarkers for renal disease</u></b>  <b>Chaired by Glenda Gobe, University of Queensland</b>		
10.00am – 10.20am	<b>Hans Peter Marti (K14)</b> University of Bern, Switzerland <i>Defining novel biomarkers in kidney transplantation</i>	Clancy's
10.20am – 10.40am	<b>Morning Tea</b>	Trades Area
10.40am – 11.00am	<b>Glenda Gobe (K15)</b> University of Queensland, Australia <i>Mitochondrial dysregulation in chronic kidney disease: where structure meets function</i>	Clancy's
11.00 am – 11.20 am	<b>Zoltan Endre (K16)</b> University of Otago, New Zealand <i>Urinary biomarker performance in detection of Acute Kidney Injury</i>	Clancy's
11.20am – 11.35am	<b>Yi Tian Ting (K17)</b> University of Otago, Dunedin, New Zealand <i>Urinary soluble HLA-DR is a potential biomarker for renal transplant rejection</i>	Clancy's
11.35am – 11.55am	<b>Greg Jones (K18)</b> University of Otago, New Zealand <i>Matrix metalloproteinases in vascular remodelling, the critical role of assessing activity over total protein levels</i>	Clancy's
11.55am – 1.00pm	<b>Lunch</b>	Trades Area
12.00pm – 12.50pm	<b>Biomatters</b> Geneious Pro Lunchtime Workshop	Clancy's

<b><u>Integrative Renal Physiology</u></b>		
<b>Chaired by David Power, University of Melbourne</b>		
1.00pm – 1.30pm	<b>Mike Eccles (K19)</b> University of Otago, New Zealand <i>A novel primary cilia phenotype characterizes an ovine polycystic kidney disease that maps to the Meckel syndrome gene, MKS3</i>	Clancy's
1.30 pm – 1.50 pm	<b>Hao-Han (George) Chang (K20)</b> University of Auckland, New Zealand <i>Up-regulation of renal myo-inositol oxygenase expression by hyperglycemia, insulin resistance and hypertension</i>	Clancy's
1.50pm – 2.10pm	<b>Usha Panchapakesan (K21)</b> Royal North Shore Hospital, University of Sydney, Australia <i>Compensatory adaptive response of human proximal tubule cell to high glucose</i>	Clancy's
2.10pm – 4.00pm	<b>Posters and Afternoon Tea (K22 – K30 )</b>	Trades Area
4.00pm – 4.20pm	<b>Andrew Bahn (K31)</b> University of Otago, New Zealand <i>Comparison of urate transport via OAT2 in different species</i>	Clancy's
4.20pm - 4.40pm	<b>Amanda Boyce (K32)</b> University of New South Wales, Australia <i>Long term effects of maternal obesity and postnatal overnutrition on the intrarenal renin-angiotensin system</i>	Clancy's
4.40pm – 5.00pm	<b>Fiona McDonald (K33)</b> University of Otago, New Zealand <i>Insulin stimulation of the epithelial sodium channel is inhibited by COMMD1</i>	Clancy's
Closing remarks	Rob Walker	Clancy's
6:00pm – 6.15pm	<b>QMB Opening session</b> Welcome by Peter Shepherd	Queenstown Room
6.15pm – 7.15pm	<b>Plenary lecture: Aaron Ciechanover</b> <i>Protein ubiquitination</i> <i>Professor Ciechanover of the Technion-Israel Institute of Technology was the 2004 Nobel Laureate in Chemistry</i>	Queenstown Room
7.15pm onwards	<b>Mixer sponsored by Bio-Strategy</b>	Trades Area
9.00pm onwards	<b>illumina Sequencing Addicts Party</b>	Chico's Bar The Mall