

## TUESDAY 13 SEPTEMBER 2016

0730-1800	Registration Desk Open				
0900-0930	<b>Opening Ceremony</b> Presentation of AIMS Fellowship Awards Presentation of AACB Membership/Fellowship Awards Welcome				GH1
0930-1030	<b>Opening Plenary</b> Chair: Ms Robyn Wells Medical Laboratory Science – an inside outside perspective - <b>Dr Lester Levy</b>				GH1
1030-1100	Morning Tea & Opening of Industry Exhibition				GH3&4
1100-1230	<b>Multidisciplinary Session – Omics</b> Chair: Mr Greg Ward Use of Next Generation Sequencing for neurogenetic disorder diagnosis <b>Prof Lyn Griffiths</b> Proteomics in Precision Medicine <b>A/Prof Michelle Hill</b> Metabolic phenotyping in stratified medicine <b>Prof Jeremy Nicholson</b>				GH1
1230-1400	Lunch, Posters & Industry Exhibition				
1400-1530	Concurrent Sessions				
	GH1	GH2	M5&6 (mezzanine)	M1 (mezzanine)	M2 (mezzanine)
	<b>Symposium 1: Liver Fibrosis Markers</b> Chair: Dr Lee Price Liver Fibrosis Markers <b>Prof William Rosenberg</b> Clinical Epidemiology of Liver Disease in Australia: Obstacles and Opportunities <b>Dr Paul Clark</b>	<b>Symposium 2: QAP</b> Chair: Dr Tony Badrick Linking QC Performance to Patient Risk <b>Dr Curtis Parvin</b> The role of EQA in harmonisation strategies for measurement procedure results <b>Prof Greg Miller</b>	<b>Symposium 3: Anti-microbial Resistance/ Stewardship Session</b> Chair: Ms Narelle George Emerging resistance in Gram negatives: what is happening globally and locally? <b>Dr Patrick Harris</b> Molecular characterisation of a globally disseminated multidrug resistant Escherichia coli clone <b>Prof Mark Schembri</b> Antibigrams: Where does your antibiotic susceptibility data go? <b>Dr Claire Heney</b>	<b>Symposium 4: Emergency Haematology</b> Chair: Dr Donna Rudd The impact of met-amphetamines – An emergency on the increase <b>Ms Wendy Osborn</b> Packed red blood cell storage contributes to hypercoagulability and potential risk post-transfusion <b>Dr Natalie Pecheniuk</b> MTP and the effect on lab results and patient prognosis <b>Dr Sunelle Engelbrecht</b>	<b>Symposium 5: Cancer markers</b> Chair: Ms Anne-Marie Christensen Circulating tumour cells <b>Prof Rik Thompson</b> Cervical cancer and human papilloma virus (HPV) testing – a new paradigm for screening in Australia <b>A/Prof Paul Shield</b> Human papillomavirus detection: The evolving paradigm <b>Mr Peter Lowe</b>
1530-1600	Afternoon Tea & Industry Exhibition				
1600-1700	Concurrent Plenary Sessions				
	GH2		GH1		
	<b>Plenary 2: David Curnow Plenary Lecture</b> Chair: Ms Helen Martin Enhancing the clinical value of medical laboratory testing <b>A/Prof Ken Sikaris</b>		<b>Plenary 3: Saal Foley Lecture</b> Chair: Ms Robyn Wells Tumours and treatments: vessels and venoms <b>A/Prof Anthony Woods</b>		
1700-1900	Industry Gala Function				



# WEDNESDAY 14 SEPTEMBER 2016

0730-1700	Registration Desk Open			
0730-0845	Poster Breakfast Session			GH3&4
0900-1000	<b>Plenary 4: QAP Plenary Session</b> <i>Chair: Mr Peter Graham</i> Defining high value laboratory medicine <b>Mr Paul Epner</b>	GH2	<b>Plenary 5: Immunology/Immunotherapy</b> <i>Chair: Ms Robyn Wells</i> The effect of ageing and cancer on innate immune cells <b>Dr Delia Nelson</b>	GH1
1000-1030	Morning Tea & Industry Exhibition			
1030-1200	Industry Symposia - Concurrent Sessions			
GH1	GH2	M1 (mezzanine)	M2 (mezzanine)	
<b>Abbott Industry Symposium:</b> A workshop on creating a high value laboratory <b>Mr Paul Epner</b>	<b>Siemens Healthineers Industry Symposium:</b> Shades of Graves: A holistic coverage of Graves' Disease from the patient, clinician and laboratory perspective The Personal Perspective <b>Denise</b> The Endocrinologist Perspective <b>Dr Albert Hsieh</b> The Laboratory Perspective <b>A/Prof Paul Williams</b>	<b>DiaSorin Industry Symposium:</b> PTH Tesng – 1st generation, 2nd generation, 3rd generation..... what are we testing? Do we need a 4th generation assay? <b>Mr Stephen Paull</b> Aldosterone measurement - not just plug-and-play <b>Prof Markus Herrmann</b> Calprotectin – clinical utility in Inflammatory Bowel Disease. <b>Dr Matthew Choy</b>	<b>Ortho Clinical Diagnostics Industry Symposium:</b> Changing Paradigms in Acute Kidney Injury Gloom and Doom! The Pathophysiology of AKI: Ignorance is not bliss! <b>Prof Zoltan Endre</b> The Challenge of AKI – The Related Prevalence, Mortality, Cost and Challenges in Acute Disease <b>Prof Salvatore Di Somma</b>	
1200-1330	Lunch, Posters & Industry Exhibition		1300-1330	AIMS AGM
GH1	GH1			
1330-1530	Concurrent Sessions & Workshops			
GH1	GH2	M1 (mezzanine)	M2 (mezzanine)	M5&6 (mezzanine)
<b>Symposium 6: Advances in Laboratory Testing during Pregnancy</b> <i>Chair: Dr Lee Price</i> Pre-eclampsia biomarkers <b>Prof Shaun Brennecke</b> The physiology of pregnancy <b>Dr Narelle Hadlow</b> Urine protein and albumin testing in pre-eclampsia <b>Dr Thomas Cade</b> A critical review of antenatal testing guidelines in pregnancy <b>Dr Ken Sikaris</b>	<b>Symposium 7: SRAC</b> <i>Chair: Ms Jill Tate</i> Glycohaemoglobin Working Party <b>A/Prof Paul Williams</b> CSF QAP – Past, Present and Future and activities of the CSF QAP Working Party <b>Ms Evangelia Papatomas</b> Porphyrin Working Party Update <b>Ms Virginia Cronin</b> Implementation of LC-MS/MS Into a routine TDM laboratory <b>Mr Brett McWhinney</b> The new psychoactive substances: Chasing ghosts <b>Dr Charles Appleton</b>	<b>Workshop 1: Pre-analytical</b> <i>Chair: Ms Dianne Crowe</i> Why staff in CSR are so important - A New Zealand perspective <b>Ms Joanna Barnes</b> Don't let it get to you - Demonstrating how a Zero Tolerance approach with empathy and appropriate interventions can build resilience and sustainably reduce preanalytical errors <b>A/Prof David Porter</b> Update on KIMMS <b>A/Prof Ken Sikaris</b> Westmead Hospital Specimen Reception Management, a look into the future <b>Mr Dave Gomez</b> Automated ready micro samples based on collection <b>Mr Faizz Fattah</b>	<b>Workshop 2: Coagulation – Expect the unexpected</b> <i>Chair: Ms Maureen Jacobsen</i> Routine coagulation testing in a hospital laboratory <b>Ms Emma Jones-Perrin</b> The not so normal coagulation results <b>Ms Joanne Beggs</b> Case Studies Part 1 <b>Dr Andrew Birchley</b> Case Studies Part 2 <b>Dr Jane Mason</b>	<b>Workshop 3: Antibiotics and antimicrobial resistance</b> <b>A/Prof Narelle George</b>
1530-1600	Afternoon Tea & Industry Exhibition			
1600-1700	Concurrent Plenary Sessions			
GH1	GH1		GH2	
<b>Plenary 6: Endocrinology – Past, Present &amp; Future</b> <i>Chair: Mr John Galligan</i> The significance of vitamin D <b>A/Prof Phillip Clifton-Bligh</b> Why we should measure more peptide- and protein hormones by LC-MS/MS <b>Prof Stefan Grebe</b>	<b>Plenary 7: Transfusion today and tomorrow</b> <i>Chair: Ms Joanne Beggs</i> Blood products for austere environments: the new Australian Defence Force plan <b>Lt Cnl Michael Reade</b> ROTEM and its applications in the ICU setting <b>Dr James Winearls</b>			
1900-2330	Siemens Healthineers Conference Dinner – Victoria Park			

0830-1600	<b>Registration Desk Open</b>			
0930-1030	<b>David Rothfield Memorial Oration</b> <i>Chair: Dr Tony Badrick</i> Systems medicine and translational challenges in a changing world <b>Prof Jeremy Nicholson</b> <span style="float: right;">GH1</span>			
1030-1100	<b>Morning Tea &amp; Industry Exhibition</b>			
1100-1230	<b>Submitted Oral Papers – Concurrent Sessions</b>			
<i>M5&amp;6 (mezzanine)</i>	<i>GH1</i>	<i>GH2</i>	<i>M1 (mezzanine)</i>	<i>M2 (mezzanine)</i>
<b>Oral Session 1</b> <i>Chair: Mr Steven Weier</i> Data mining for the effects of collection haemolysis <b>A/Prof Graham Jones</b> Process improvement leading to a reduction in troponin turn-around time <b>Mr Peter Ward</b> Survey of current laboratory and clinical practices for cardiac troponin testing in Australia and New Zealand <b>Miss Jill Tate</b> Vitamin B1 and B6 Testing: Overused and inappropriate? <b>Miss Lucy Wain</b> Creatinine as a marker for glomerular filtration in Neonates: Is it time to change? <b>Dr Donna Rudd</b> Analysis of benzodiazepine metabolite patterns in urine <b>Ms Kerrie-Anne Western</b>	<b>Oral Session 2</b> <i>Chair: Dr Lee Price</i> Overestimation of aldosterone by immunoassay affects all stages of renal impairment <b>Dr Leo Lam</b> A head to head comparison of analytical utility of FDA approved thyroid stimulating immunoglobulin assays compared with the thyrotropin receptor antibody immunoassay <b>Dr Albert Hsieh</b> Free haemoglobin and insulin-like growth factor binding protein 3 (IGFBP-3) abundance are altered in paediatric burn blister fluids derived from burns of different depths <b>Dr Tony Parker</b> Biotin interference in Roche immunoassays masquerades as endocrine disease <b>Ms Christina Trambas</b> Preparation and reference value-assignment of a quality control material for 17-beta estradiol in frozen human serum <b>Dr Veronica Vamathevan</b> Statistical showdown – Hoffman V Bhattacharya for data mining <b>A/Prof Graham Jones</b>	<b>Oral Session 3</b> <i>Chair: Mr Greg Ward</i> Liquid chromatography – tandem mass spectrometry (LC-MS/MS) of Oestradiol <b>Mr Michael Henman</b> Interference in LC-MS/MS analysis of testosterone, lessons to be learnt <b>Ms Kate Waller</b> Determination of 25-Hydroxy vitamin D3 in dried blood spots by LC-Tandem Mass Spectrometry <b>Ms Rosita Zakaria</b> Serum steroid hormone reference intervals for mass spectrometry methods <b>Mr Nevada Tavita</b> Validation of a LC-MSMS method for the determination of ethyl glucuronide and ethyl sulphate in human urine <b>Dr Ian Westley</b> Effect of blood collection tubes additives on LC-MS-based protein quantitation <b>Dr Richard Kin Ting Kam</b>	<b>Oral Session 4</b> <i>Chair: Mr Marco Di Girolamo</i> Haemolysis rates across 68 Australian laboratories over four years <b>Dr Ling Li</b> Should it be a "must" for antibody screening cells in Australia to have a homozygous expression of M antigen? <b>Mr Clameo Chimfombo</b> Hereditary Xerocytosis: Where Biochemistry and Haematology Meet <b>Dr Kay Weng Choy</b> Unravelling the biochemistry of burn injury in children to better classify burn severity and assist clinical care <b>Mr Tuo Zang</b> Neoplastic Mitotane enhances polymyxin B activity against extensively drug-resistant gram-negative bacilli <b>Mr Thien Tran</b>	<b>Oral Session 5</b> <i>Chair: Ms Maureen Jacobsen</i> What's wrong with Holly? Using a case study to introduce first year undergraduate students to the profession of Medical Laboratory Science <b>Mrs Frances Breen</b> Scientists in control - A Progressive approach to preparing work-ready graduates in QC, EQA and method evaluation <b>Mrs Frances Breen</b> The IFCC eAcademy: a new tool for implementation of distance learning programmes in Laboratory Medicine <b>Dr Peter Vervaart</b> Factors influencing haemolysis rates <b>Dr Euan McCaughey</b> From biomarkers to tests: improving the development process through targeting of unmet clinical needs <b>Dr Andrew St John</b>
1230-1400	<b>Lunch, Posters &amp; Industry Exhibition</b>		1315-1400	<b>AACB AGM</b> <span style="float: right;">GH1</span>

THURSDAY 15 SEPTEMBER 2016

1400-1530		Concurrent Sessions		
GH1	GH2	M1 (mezzanine)	M2 (mezzanine)	M5&6 (mezzanine)
<p><b>Symposium 8: Malignancy</b>  <i>Chair: Dr Julia Chang</i>                      Thyroglobulin and thyroglobulin auto-antibody measurement in thyroid cancer management  <b>Prof Stefan Grebe</b>                      Serum biomarkers for oesophageal adenocarcinoma  <b>A/Prof Michelle Hill</b>                      Telomerase and cancer  <b>Prof Markus Herrmann</b></p>	<p><b>Symposium 9: QAP Clinical Cases</b>  <i>Chair: Ms Kristina Barancek</i>                      Introduction  <b>Ms Kristina Barancek</b>                      Case 1  <b>A/Prof Graham Jones</b>                      Case 2  <b>Ms Helen Martin</b>                      Case 3  <b>A/Prof Tony Badrick</b>                      Case 4  <b>Mr Greg Ward</b></p>	<p><b>Symposium 10: Leukaemia Diagnosis</b>  <i>Chair: Ms Robyn Wells</i>                      The mutational landscape of AML and other myeloid malignancies  <b>Dr Paula Marlton</b>                      Targeted therapy for mutations in the acute leukaemias  <b>Dr Piers Blombery</b></p>	<p><b>Symposium 11: Mosquito borne diseases</b>  <i>Chair: Mr Marco Di Girolamo</i>                      New insecticidal defences against mosquito-borne disease  <b>A/Prof Gregor Devine</b>                      Outbreaks of Zika virus: What do we know?  <b>Dr Jonathan Darbro</b>  <i>Dengue fever in Australia: clinical features, outbreaks and prevention</i>  <b>Dr Helen Faddy</b></p>	<p><b>Symposium 12: Chronic diseases and clinical trials</b>  <i>Chair: Mr Michael Nolan</i>                      Update on Hepatitis C treatments in 2016  <b>A/Prof Simone Strasser</b>                      An overview on how clinical trials are conducted: An insight into Infectious disease drugs and vaccine development  <b>Dr Suzanne Elliott</b></p>
1530-1600	<b>Afternoon Tea</b>			
1600-1645	<p><b>Closing Plenary</b>  <i>Chair: Ms Helen Martin</i>                      Non-alcoholic fatty liver disease  <b>Prof William Rosenberg</b></p>			GH1
1645-1700	<b>Closing Ceremony</b>			GH1
1700-1800	<b>Closing Drinks</b>			Great Hall Mezzanine Concourse