



### TUESDAY 18 OCTOBER 2022

0730-1730	REGISTRATION DESK OPEN	Foyer 1, L3
0845-0930	Opening Ceremony	Bellevue Ballroom 2
0930-1030	<b>Opening Plenary – David Curnow Plenary Lecture</b> Chair: Dr Tina Yen <b>Prof Grant Waterer</b> Covid-19, what now?	Bellevue Ballroom 2
1030-1115	MORNING TEA & OPENING OF INDUSTRY EXHIBITION	Bellevue Ballroom 1 & Foyer
1115-1245	CONCURRENT SYMPOSIA 1 & 2	
	Bellevue Ballroom 2	MR1-2
	Symposium 1: Covid-19 - managing the evolving pandemic Chair: Dr Jonathan Chambers	Symposium 2: Laboratory Management in the digital age Chair: Dr Fernando San Gil
	Covid-19 testing for diagnosis and surveillance Dr David Speers	What NPAAC does next – new frontiers in quality and safety of pathology testing in Australia <i>A/Prof Beverley Rowbotham</i>
	Laboratories PLUS: what else is in the toolbox of Covid-19 public health measures? <b>Dr Tarun Weeramanthri</b>	The value of Pathology and the quality systems in supporting contemporary medical practice <b>Dr Lawrie Bott</b>
	Long-term effect of Covid-19 <i>Dr Vanessa Bryant</i>	Pathology and My Health Record <b>Dr Paul Carroll</b>
1245-1415	LUNCH, INDUSTRY EXHIBITION, POSTERS	Bellevue Ballroom 1 & Foyer
1415-1545	CONCURRENT SYMPOSIA 3 & 4	
	Bellevue Ballroom 2	MR1-2
	Symposium 3: What's new in Endocrinology Chair: Dr Paul Chubb	Symposium 4: QAP Update Chair: Mr Peter Graham
	Recent advances in the investigations and management of Type 2 Diabetes Mellitus	What's new at RCPAQAP <b>Mrs Samantha Shepherd, Mr Jonathan Bush, Mr Abrar Taif</b>
	<b>Prof Timothy Davis</b> Australian guidelines for the diagnosis and management of	Challenges of EQA in new PoCT technologies <i>Dr Louise Wienholt</i>
	Primary Hyperparathyroidism A/Prof Frances Milat (virtual)	Commutability and QAP: Thinking outside the box Dr Chris Farrell
	The utility of biomarkers in assessing bone turnover in Renal Osteodystrophy <b>Dr Syazrah (Jaja) Salam (virtual)</b>	
1545-1615	AFTERNOON TEA & INDUSTRY EXHIBITION	Bellevue Ballroom 1 & Foyer
1615-1715	Plenary 2 Chair: Dr Michael Page <i>Prof Clara Chow</i> Cardiovascular Disease: Gaps and opportunities to innovate a	Bellevue Ballroom 2 nd improve
1715-1915	WELCOME & INDUSTRY GALA FUNCTION	Bellevue Ballroom 1 & Foyer

# WEDNESDAY 19 OCTOBER 2022

0730-1700	REGISTRATION DESK OPEN	Foyer 1, L3		
0745-0830	HOT TOPIC POSTER BREAKFAST Enjoy a light stand-up breakfast in the exhibition hall prior to t	Bellevue Ballroom 1 & Foyer the Hot Topic Poster Sessions		
0830-0915	CONCURRENT HOT TOPIC POSTER SESSIONS			
	Bellevue Ballroom 2	MR1-2		
	Hot Topic Poster Session 1: Chair: Mr John Joseph	Hot Topic Poster Session 2: Chair: Dr John Conradie		
	Impact of isobaric steroids on 17-hydroxyprogesterone mass spectrometry analysis <i>Mrs Kirsten Hoad</i> Diagnostic potential of differentially expressed microRNAS in malignant and benign adrenocortical tumours. Re-vision for a future <i>Ms Anila Hashmi</i> Higher free thyroxine levels observed in euthyrotropinaemic individuals on thyroxine therapy are not explained by a method-dependent bias <i>Dr Ranita Siru</i> Thiopurine Methyltransferase: A three part odyssey to create a novel test <i>Ms Kate Lunn</i> Development and validation of an LCMSMS method for the analysis of histamine and 1-methylhistamine in urine	Macrotroponin in Fabry disease: A case series <i>Mr Cankayan Suthaharen</i> Total bilirubin assay differences may cause inconsistent treatment decisions in neonatal hyperbilirubinaemia <i>Mr David Thomas</i> IGM paraprotein: An unexpected cause of an elevated lipaemic index on Siemens atellica analysers <i>Dr Eloise Ward</i> Frequency of hypophosphataemia following intravenous iron therapy <i>Ms Rachel Dennis</i> Choosing wisely: Is inpatient folate testing in the era of folate fortification a wise use of resources? <i>Dr Amas Lee</i> Evaluation of serum creatine kinase reference intervals in women relative to age		
0930-1030	Ms Maria Myriallaki Plenary 3 – QAP Plenary Chair: Mr Peter Graham Prof Brian Jackson Artificial Intelligence in the Clinical Pathology laboratory	Mr Kyle-Peter Wollbrandt (virtual) Bellevue Ballroom 2 Dellevue Dellevue 1 & Second		
1030-1100	MORNING TEA & INDUSTRY EXHIBITION	Bellevue Ballroom 1 & Foyer		
1100-1230	CONCURRENT SUBMITTED ORAL SESSIONS			
	Bellevue Ballroom 2	MR1-2		
	Session 1 Chair: Dr John Beilby	Session 2 Chair: Dr Fernando San Gil		
	Measurement of B vitamins, thiamine pyrophosphate (vitamin B1) and pyridoxal-5'-phosphate (vitamin B6), in whole blood using LC-MS/MS	A survey on laboratory report tracing at a Sri Lankan teach hospital for introducing an IT solution for report viewing <b>Dr Udara Senarathne</b>		
	<b>Dr Gabrielle Crisp</b> The validation and implementation of a mass spectrometry method for immunoglobulin subclasses	Humoral immune response to three doses of covid vaccines in a cohort of Sri Lankan healthcare workers <i>Dr Bolonghoge Dayanath</i>		
	<i>Ms Sarah Thomas</i> "Total Country CV" – Monitoring patients across Australia <i>A/Prof Graham Jones</i>	Evaluation of algorithms for patient based realtime quality control <i>Miss Chantelle Ebersohn</i>		
	Identification of functional vitamin D deficiency through the simultaneous measurement of 25(OH)D and 24,25(OH)2D by LC-MS/MS	Patient based real time quality control using Bull's algorithm in a tertiary care hospital <b>Dr Sarvatnida Shaikh</b> (virtual)		
	Prof Markus Herrmann (virtual) Overestimation of aldosterone by direct immunoassay compared to LC-MS/MS and immunoassay post-extraction. Why is it so? Ms Sheree Stoner (virtual)	Using a web application to assist clinicians in screening for primary aldosteronism <i>Miss Rachelle Liwayan</i> (virtual)		
	Quality assurance program for 14c-Urea breath testing <i>Mr John Abcede</i> (virtual)			

## ······From Disruption to Innovation·······



#### WEDNESDAY 19 OCTOBER 2022

1230-1400	LUNCH, INDUSTRY EXHIBITION & POSTE	RS	Bellevue Ballroom 1 & Foyer
1400-1500	<b>Plenary 4</b> Chair: Dr Chanika Ariyawansa <i>Prof John Walsh</i> Thyroid function across the lifespan: labo	pratory implications	Bellevue Ballroom 2
1500-1530	AFTERNOON TEA & INDUSTRY EXHIBITION	DN	Bellevue Ballroom 1 & Foyer
1530-1700	CONCURRENT SYMPOSIA 5, 6 & IFCC		
	MR1	MR2	MR3
	Symposium 5 - Biomarkers in screening and risk assessment Chairs: Dr Nicky Soon & Dr Aaron Simpson Alzheimer's Disease <i>Prof John Mamo</i> Cardiovascular risk <i>A/Prof Damon Bell</i> PSA for screening for and diagnosis of prostate cancer <i>Dr Mark Frydenberg</i> (virtual)	Symposium 6 - SRAC Symposium Chair: Mr Robert Flatman Update on SRAC activities <i>Mr Robert Flatman</i> Harmonisation of endocrine dynamic tests <i>Dr Cherie Chiang</i> Disaccharidases working party update <i>Mr Matthew Burke</i> Monoclonal Gammopathy multidisciplinary working party update <i>Dr Joel Smith</i> Questions	IFCC CPD Symposium - Mobile technology and clinical laboratory data management Chair: Prof Tahir Pillay Digital health and precision medicine <i>Prof Tahir Pillay</i> Mobile technology and the management of big data collections <i>A/Prof Ronda Greaves</i> Data mining for paediatric reference intervals <i>Dr Tze Ping Loh</i> (virtual)

1900-2300 **CONFERENCE DINNER** 

Bellevue Ballroom 2

# THURSDAY 20 OCTOBER 2022

0900-1600	REGISTRATION DESK OPEN	Foyer 1, L3
0930-1030	Plenary 5 Chair: Dr Ee Mun Lim	Bellevue Ballroom 2
	<b>Prof Peter Kavsak</b> High-sensitivity Troponin testing and the juxtaposition betwee	en speed and quality
1030-1100	MORNING TEA, INDUSTRY EXHIBITION	Bellevue Ballroom 1 & Foyer
1100-1230	CONCURRENT INDUSTRY SYMPOSIA	
	Bellevue Ballroom 2	MR1-2
	DiaSorin Industry Session: Primary Aldosteronism and Hypertension: Clinical and Technical Updates	Bio-Rad Laboratories Industry Session: Use of Biological Variation for QC data management
		Introduction – Bio-Rad Pacific
	Controversies in the diagnosis & management of primary aldosteronism: A clinical perspective <b>Professor Paolo Mulatero</b>	Use of Biological Variation for QC data management <i>Mr Nico Vandepoele</i>
	Establishing seated saline suppression testing in the laboratory setting, considerations, interpretation and future challenges	Use of Biological Variation in Unity Real Time at SA Pathology <i>Ms Lisa Jolly</i>
	Dr Aaron Simpson	Q&A
	Panel Discussion	
	DiaSorin The Diagnostic Specialist	BIO RAD
1230-1400	LUNCH & INDUSTRY EXHIBITION	Bellevue Ballroom 1 & Foyer
1300-1400	AACB ANNUAL GENERAL MEETING	Bellevue Ballroom 2
1400-1530	CONCURRENT SYMPOSIA 7 & 8	
	Bellevue Ballroom 2	MR1-2
	Bellevue Ballroom 2 Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda Hooper	MR1-2 Symposium 8 – QAP Clinical Cases Chair: Mr Peter Graham
	Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda Hooper Recent experiences of the WA Newborn Screening Program. What lies ahead?	Symposium 8 – QAP Clinical Cases
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1530-1600	Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda HooperRecent experiences of the WA Newborn Screening Program. What lies ahead? Dr Simon CarrivickThe Road to Routine Pharmacogenomic Testing in Clinical Practice: Are we there yet? Dr Sam SalmanNovel screening modality for patients with rare disorders including developmental delays	Symposium 8 – QAP Clinical Cases Chair: Mr Peter Graham Introduction <i>Mr Peter Graham</i> Cases 1 <i>Ms Helen Martin</i> Cases 2 <i>Dr Joel Smith</i> Cases 3
1530-1600 1600-1700	<ul> <li>Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda Hooper</li> <li>Recent experiences of the WA Newborn Screening Program. What lies ahead?</li> <li>Dr Simon Carrivick</li> <li>The Road to Routine Pharmacogenomic Testing in Clinical Practice: Are we there yet?</li> <li>Dr Sam Salman</li> <li>Novel screening modality for patients with rare disorders including developmental delays</li> <li>Dr Dimitar Azmanov</li> </ul>	Symposium 8 – QAP Clinical Cases Chair: Mr Peter Graham Introduction Mr Peter Graham Cases 1 Ms Helen Martin Cases 2 Dr Joel Smith Cases 3 Dr Penny Coates (pre-record) Foyer 1 Bellevue Ballroom 2
	Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda HooperRecent experiences of the WA Newborn Screening Program. What lies ahead? Dr Simon CarrivickThe Road to Routine Pharmacogenomic Testing in Clinical Practice: Are we there yet? Dr Sam SalmanNovel screening modality for patients with rare disorders including developmental delays Dr Dimitar AzmanovAFTERNOON TEAClosing Plenary Chair: Dr Sam Vasikaran Prof Jeremy Nicholson	Symposium 8 - QAP Clinical Cases         Chair: Mr Peter Graham         Introduction         Mr Peter Graham         Cases 1         Ms Helen Martin         Cases 2         Dr Joel Smith         Cases 3         Dr Penny Coates (pre-record)         Foyer 1         Bellevue Ballroom 2         and Public Healthcare: Lessons from COVID-19
1600-1700	Symposium 7 - Metabolomics, Genomics and Epigenetics Chair: Dr Amanda HooperRecent experiences of the WA Newborn Screening Program. What lies ahead? Dr Simon CarrivickThe Road to Routine Pharmacogenomic Testing in Clinical Practice: Are we there yet? Dr Sam SalmanNovel screening modality for patients with rare disorders including developmental delays Dr Dimitar AzmanovAFTERNOON TEAClosing Plenary Chair: Dr Sam Vasikaran Prof Jeremy Nicholson Metabolism, Microbes and Systems Medicine in Personalised	Symposium 8 – QAP Clinical Cases Chair: Mr Peter Graham Introduction Mr Peter Graham Cases 1 Ms Helen Martin Cases 2 Dr Joel Smith Cases 3 Dr Penny Coates (pre-record) Foyer 1 Bellevue Ballroom 2