



**NEW WAVE SCIENCE**

## SOUTH PACIFIC CONGRESS

17-19 September 2019

Gold Coast Convention and Exhibition Centre



### TUESDAY 17 SEPTEMBER

0730-1800	Registration				
0900-0930	<b>Opening Ceremony</b> Welcome from AIMS and NZIMLS Presidents Presentation of AIMS Fellowship Awards				<b>Arena 1B</b>
<b>Chair</b>	<b>Tony Woods</b>				
0930-1030	Saal-Foley Lecture <b>Robyn Wells</b>				<b>Arena 1B</b>
1030-1100	<b>Morning Tea &amp; Opening of Industry Exhibition</b>				<b>Hall 3</b>
<i>Concurrent sessions</i>					
	<b>Pre-Analytical</b>	<b>Microbiology What's New In Multi- Resistance?</b>	<b>Transfusion</b>	<b>Biochemistry</b>	<b>Management</b>
Room	<i>Arena 1B</i>	<i>Meeting Room 2</i>	<i>Meeting Room 5</i>	<i>Meeting Room 3</i>	<i>Meeting Room 4</i>
<b>Chair</b>	<b>Ailsa Bunker</b>	<b>Mike Nolan</b>	<b>Deb Longmore</b>	<b>Tony Badrick</b>	<b>Don Mikkelsen</b>
1100-1130	Pre-Analytical Errors as part of the Medical Laboratory Science teaching program <b>Dr Ian Cassady</b>	Gonorrhoea <b>A/Prof David Whiley</b>	An update from the Blood Service <b>Dr James Daly</b>	Post analytical issues critical values <b>Robert Flatman</b>	Measuring competency <b>Alan Wainwright</b> <i>IBMS</i>
1130-1200	Antigen Vs Antibodies. What Do Doctors Really Want? <b>Alana Jenkins</b>	Tuberculosis <b>Dr Sushil Pandey</b>	Platelet Reference Laboratory Testing <b>Gail Pahn</b>	Informatics EQA <b>Derek Holzhauser</b>	Competency Guideline Development In Australia <b>Debbie Stanford</b>
1200-1230	Problem With Babies: Common Sources Of Pre-Analytical Error In Paediatric Sampling <b>Dr Donna Rudd</b>	Enteric Bacteria <b>Dr Patrick Harris</b>	Innovations In ADF Transfusion Practice: Frozen Platelets, Freeze-Dried Plasma And Whole Blood. <b>Prof Michael Reade</b>	Are There Changing Issues In Post-Analytical Outcomes? <b>A/Prof Mike Legge</b>	NZ CPD and The Regulatory System <b>Jillian Broadbent</b>
1230-1330	<b>Lunch, Posters &amp; Industry Exhibition</b>				<b>Hall 3</b>

<i>Concurrent sessions</i>					
1330-1500	Pre-Analytical	Molecular/ Genetics	Haematology/ Coagulation	Immunology	Education/ Training
Room	Arena 1B	Meeting Room 2	Meeting Room 5	Meeting Room 3	Meeting Room 4
Chair	Deborah Orr	Mike Nolan	Indu Singh	Allan Cripps	Jillian Broadbent
1330-1400	Putting Your Best Team Forward. <b>Angela Coriat</b>	Molecular Testing In Your Lab <b>Fleur Francis</b>	POCT Devices <b>Andrew Sargeant</b>	Alarmins And Gut Danger Signals From Diet And Microbiota <b>Prof Pete Smith</b>	Simulation Training In Canada <b>Christine Nielsen</b>
1400-1430	Electronic Ordering <b>Ajesh Joseph</b>	What Is Genomic Testing And What Does It Tell Us? <b>Ben Lundie</b>	The Efficacy of Fibrinogen Concentrates <b>James Winearls</b>	Immune dysregulation in Inflammatory Bowel Disease <b>Dr Jakob Begun</b>	Education Biomedical Scientists For The Future <b>Marie Culliton</b>
1430-1500	Case Studies From Specimen Services (CSR) <b>David Kendall</b>	Somatic Variantplex Blood Cancer Assay For Screening Of Variants Associated With Myeloid Malignancies <b>Dr Hnin Aung</b>	Too Much Of A Good Thing <b>Dr Matt Harwood</b>	Coeliac Disease <b>Dr James Daveson</b>	Regulation Of Medical Laboratory Science Practitioners In New Zealand, Current Experience And Future Directions <b>Don Mikkelsen</b>
<b>1500-1530</b>	<b>Afternoon Tea &amp; Industry Exhibition</b>				<b>Hall 3</b>
<b>Chair</b>	<b>Robyn Wells</b>				
1530-1615	Using A Purpose-Engineered Bacterial Toxin To Diagnose Ovarian Cancer <b>Dr Lucy Shewell</b>				<b>Arena 1B</b>
1615-1700	The Malaria Vaccine Project <b>Dr Danielle Stanisic</b>				<b>Arena 1B</b>
<b>1700-1900</b>	<b>Industry Gala Function</b>				<b>Hall 3</b>

## WEDNESDAY 18 SEPTEMBER

0730-1700	Registration				
0730-0845	<b>Meet the Experts Breakfast Sessions</b> "Certification NZ and Australian style" <b>Don Mikkelsen &amp; Lee Riddout</b> "Literature Reviews" <b>Prof Catherine Pickering</b> "Blood Cell Morphology" <b>Lyndall Dial</b> "Molecular Point of Care Diagnostics" <b>Fleur Francis</b>				<b>Meeting Room 5</b>
<b>Chair</b>	<b>Terry Taylor</b>				
0900-1000	Why We Need Iron? <b>Prof Nathan Subramaniam</b>				<b>Arena 1B</b>
1000-1030	<b>Morning Tea &amp; Industry Exhibition</b>				<b>Hall 3</b>

<i>Concurrent sessions</i>					
	<b>Pre-analytical</b>	<b>Coagulation</b>	<b>Transfusion</b>	<b>Biochemistry</b>	<b>Serology</b>
<b>Room</b>	<i>Arena 1B</i>	<i>Meeting Room 2</i>	<i>Meeting Room 3</i>	<i>Meeting Room 5</i>	<i>Meeting Room 4</i>
<b>Chair</b>	<b>Ailsa Bunker</b>	<b>Ailie Ross</b>	<b>Kylie Wilesmith</b>	<b>Donna Rudd</b>	<b>Mike Nolan</b>
1030-1100	Cutting Edge Technology for Phlebotomy <b>Annette Bissett</b>	QC <b>Paul Zerafa</b>	First trimester screening <b>Marie Culliton</b>	Emergency Chemistry Troponin <b>Dr Gus Koerbin</b>	Differential Diagnosis of Human Flavivirus Infections by IgM Microsphere Immunoassay <b>Carmel Taylor</b>
1100-1130	Flock swabs and the collection of NPA samples <b>Fleur Francis</b>	Coagulation troubleshooting <b>Robert Freeman</b>	Foetal DNA testing <b>Helen O'Brien</b>	Glucose <b>Greg Ward</b>	Q Fever: Diagnostic Dilemma <b>Kristin Muir</b>
1130-1200	CX Bladder (NZ) PCR for the early detection of bladder Cancer. <b>Jane Kendall</b>	Case Studies <b>Jo Beggs</b>	Anti-c in Pregnancy – Case Studies <b>Deborah Longmore</b>	Keeping Safe – Perspectives on laboratory and patient safety over the last half century <b>Don Mikkelsen</b>	Q Fever: Case Presentations <b>Kirsty Lutz</b>
1200-1330	<b>Lunch, Posters &amp; Industry Exhibition</b>				<i>Hall 3</i>
1300-1330	<b>AIMS AGM</b>				<i>Meeting Room 5</i>
<i>Concurrent sessions</i>					
	<b>Pre-analytical</b>	<b>Education Workshop</b>	<b>Molecular</b>	<b>Haematology</b>	<b>Virology</b>
<b>Room</b>	<i>Arena 1B</i>	<i>Meeting Room 2</i>	<i>Meeting Room 3</i>	<i>Meeting Room 5</i>	<i>Meeting Room 4</i>
<b>Chair</b>	<b>Deborah Orr</b>	<b>Don Mikkelsen</b>	<b>Robyn Wells</b>	<b>Narelle Whiting</b>	<b>Rob Siebers</b>
1330-1400	Sample collection at an outreach clinic <b>Katie Edmondson</b>	AIMS Research engagement scheme <b>Anne-Marie Christensen &amp; Prof Catherine Pickering</b>	ID NOW™ - Molecular solution at the Point of Care <b>Michelle Williamson</b>	The good, bad and the ugly – lymphoma in the blood <b>Lyndall Dial</b>	The Role Of Respiratory Viruses In Chronic Childhood Ear Infections <b>Prof Kirsten Spann</b>
1400-1430	Managing the errors and issues of specimens coming from remote areas. <b>Sam Hornsby</b>	Literature reviews <b>Prof Catherine Pickering</b>	LAMP Testing For Malaria <b>Craig Williams</b>	Lymphomas <b>Dr Kate Hill</b>	FLUNAMI 2019: More Testing or More Flu? <b>A/Prof Ian Mackay</b>
1430-1500	Testing sexual health samples and case studies <b>Fleur Francis</b>		Personalised rehabilitation using Digital Twins <b>Dr Claudio Pizzolato</b>	HD immunotherapy and markers <b>Dr Colm Keane</b>	Parechovirus Infections <b>Dr Meryta May</b>
1500-1530	<b>Afternoon Tea &amp; Industry Exhibition</b>				<i>Hall 3</i>
<b>Chair</b>	<b>Jenny Ross</b>				

1530-1615	Certification project update <b>Lee Ridoutt</b>	<b>Arena 1B</b>
1615-1700	Talking about my generation <b>Christine Nielsen</b>	<b>Arena 1B</b>
1900-2300	South Pacific Congress Dinner - "Red, White or Sparkling"	<b>Arena 2</b>

## THURSDAY 19 SEPTEMBER

0830-1600	Registration				
<b>Chair</b>	<b>Donna Rudd</b>				
0930-1030	Melanoma Genetics <b>Dr Ken Dutton-Regester</b>				<b>Arena 1B</b>
1030-1100	<b>Morning Tea &amp; Industry Exhibition</b>				<b>Hall 3</b>
<i>Concurrent sessions</i>	<b>Proffered Papers</b>	<b>Proffered Papers</b>	<b>Proffered Papers</b>	<b>Proffered Papers</b>	<b>Management</b>
<b>Room</b>	<i>Meeting Room 2</i>	<i>Meeting Room 3</i>	<i>Meeting Room 4</i>	<i>Meeting Room 5</i>	<i>Arena 1B</i>
<b>Chair</b>	<b>Anne-Marie Christensen</b>	<b>Tony Badrick</b>	<b>Rob Siebers</b>	<b>Tony Woods</b>	<b>Donna Rudd</b>

1100-1230	<p>Where am I going? What will I do? An industry experience week for first year medical laboratory science students.</p> <p><b>Francis Breen</b> Preparation for employment and the reality of pre-analytical errors on clinical placement – a medical laboratory student's perspective</p> <p><b>Amanda Green</b> Interesting morphology cases from the Waikato QA programme</p> <p><b>Jennie Marks</b></p>	<p>In vitro inhibition of the glycolytic process: is a chemical or mechanical methodology superior in the modern diagnostic setting?</p> <p><b>John Denton</b> Identification of Cryoprotectant aldehydes and their removal by thiol scavengers</p> <p><b>Michael Legge</b> MLH1 promoter hypermethylation analysis – challenges in the investigation of Lynch syndrome</p> <p><b>Aline Marubayashi</b></p>	<p>Cell free fetal DNA RHD genotyping in pregnancy - A study from New Zealand</p> <p><b>Chris Kendrick</b> Fibrinogen replacement in trauma and the effects on natural anticoagulant proteins Antithrombin, Protein C and Protein S.</p> <p><b>Ailie Ross</b> Antioxidants decrease platelet hyperactivity and inflammation in aspirin resistant diabetes</p> <p><b>Indu Singh</b> Spurious mean cell volume in hyperglycaemia</p> <p><b>Narelle Whiting</b></p>	<p>Haemophagocytic Lymphohistiocytosis- a case study</p> <p><b>Michael Price</b> Returning tissue to patients – a cultural journey</p> <p><b>Linda Sinclair</b> Are traditional methods for monitoring QC results appropriate for infectious disease serology?</p> <p><b>Wayne Dimech</b> Bone marrow morphology proficiency testing – a virtual experience</p> <p><b>Gail Earl</b> Improving laboratory economic and environmental performance by the implementation of an environmental management system.</p> <p><b>Jenny Ross</b></p>	<p>Quality Conversations Drive Performance</p> <p><b>Alasdair Torrie</b></p>
<b>1230-1300</b>	<b>Lunch, Posters &amp; Industry Exhibition</b>				<i>Hall 3</i>
1300-1345	<b>Bloodisloe Cup</b> Is Wine Good Or Bad For You?				<b>Arena 1B</b>
<i>Concurrent Sessions</i>	<b>Imaging/ Microscopy</b>	<b>Biochemistry Data</b>	<b>Interesting Microbiology</b>	<b>Haematology/ Coagulation</b>	<b>Transfusion</b>
<i>Room</i>	<i>Meeting Room 2</i>	<i>Meeting Room 3</i>	<i>Meeting Room 4</i>	<i>Meeting Room 5</i>	<i>Arena 1B</i>
<b>Chair</b>	<b>Rob Siebers</b>	<b>Mike Legge</b>	<b>Fleur Francis</b>	<b>Anne-Marie Christensen</b>	<b>Sandy Russell</b>
1345-1415	<p>The IMB Microscopy Core Facility</p> <p><b>Nicholas Condon</b></p>	<p>Cybersecurity</p> <p><b>Derek Holzhauser</b></p>	<p>Interesting Outbreaks From Non-Sterile Stuff. Is There Something In The Water At Gold Coast</p> <p><b>Dr Michael Thomas</b></p>	<p>Update on TTP</p> <p><b>Dr Sunelle Engelbrecht</b></p>	<p>Transfusion Challenges In Rural And Regional Areas</p> <p><b>Deborah Longmore</b></p>

1415-1445	Multiplex Image Acquisition And Analysis Of Histology Sections For Quantitative Pathology <b>Nigel Waterhouse</b>	Data Mining Principles <b>Dr Tony Badrick</b>	The Gut Microbiome <b>Dr Donna Rudd</b>	ADAMTS13 Testing <b>Jo Beggs</b>	Case Studies <b>Tim Stanton</b>
1445-1515	Losing one's marbles...er macrophages. Detailing dirty secrets using imaging flow cytometry <b>David Sester</b>	Examples Of Data Mining Applied To Questions That Improved Predictions On Pathology And Health <b>Brett Lidbury</b>	DR-TB or maybe melioidosis, this is the question: importance of adequate laboratory resources, beyond TB detection in the rural tropics <b>A/Prof Jeff Warner</b>	Causes of low Platelets <b>Dr Matt Harwood</b>	Case Studies <b>Kylie Wilesmith</b>
<b>1515-1545</b>	<b>Afternoon Tea &amp; Closing of Industry Exhibition</b>				<b>Hall 3</b>
<b>Chair</b>	<b>Robyn Wells</b>				
1545-1645	Forensic Cases <b>A/Inspector Ewen Taylor</b> , <i>Forensic Services Group, Qld Police Service</i>				<b>Arena 1B</b>
1645-1715	Forensic Anthropology <b>Prof Donna MacGregor</b>				<b>Arena 1B</b>
1715-1730	<b>Conference Close</b>				<b>Arena 1B</b>
<i>The Program is subject to change, at the discretion of the 2019 SPC Organising Committee</i>					