

AIMS

NATIONAL SCIENTIFIC MEETING



Australian Institute of
Medical and Clinical Scientists

MOVING FORWARD

21-23
AUGUST 2024
ADELAIDE
CONVENTION CENTRE

WEDNESDAY 21 AUGUST 2024

| | | | | | |
|----------------------------|--|---|--|--|--|
| 0730 – 1700 | Registration – Foyer N Arrival tea/coffee | | | | |
| 0900 – 0930 | Opening Ceremony – Hall M Opening Address by Her Excellency the Honourable Frances Adamson AC, Governor of South Australia Welcome by AIMS President Presentation of AIMS Awards | | | | |
| 0930 – 1030 | Opening Plenary – Hall M Prof Chris McCudden – Artificial Intelligence in Laboratory Medicine (University of Ottawa) | | | | |
| 1030 – 1100 | Morning Tea – Hall N (Exhibition Hall) | | | | |
| Concurrent Sessions | Imaging/Haematology | Screening/Case Studies | Vaccines, Microbiology and Toxicology | Quality | |
| 1100 – 1130 | Assoc Prof David Ross (CALHN) Digital image analysis and machine learning | Prof Maria Fuller (SA Pathology) Biochemistry still has a role in genetic disease diagnosis | Dr Preethi Eldi (University of South Australia) Vaccines: Moving Forward | Lisa Jolly (SA Pathology) Quality in Pathology | |

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| 1130 – 1200 | Cuong Pham (SA Pathology) A Digital Morphology Network | Khoa Lam (SA Pathology) Antenatal screening | Dr Morgyn Warner (SA Pathology) Microbiology case studies | Gillian Treloar NATA Update | |
| 1200 – 1230 | Prof Sue Branford (SA Pathology) Next generation molecular diagnostics for chronic myeloid leukaemia | Dr David Gillis (Queensland Health) Cross-discipline case studies | Dr Ian Westley (SA Pathology) Toxicology: The strange case of Poppy | Margaret Banks (ACSQHC) Prof Beverley Rowbotham (NPAAC) NPAAC Update | |
| 1230 – 1330 | Lunch – Hall N (Exhibition Hall) Exhibitor Sponsor Catch-up Sessions | | | | |
| Concurrent Sessions | Transfusion | Microbiology | Cytology | Haemostasis | |
| 1330 – 1400 | Anh Pham (SA Pathology) Case study: a rare blood type for cardiac surgery | Dr Simone Barry (SA TB Services) Tuberculosis outbreak in remote communities | Jennifer Buckseall (SA Pathology) Gynaecological cytology: Moving Forward | Dr Chee Wee Tan (CALHN) Heparin-induced thrombocytopenia (HIT) – more HIT than MISS? | |
| 1400 – 1430 | Jackie Daley (Lifeblood) Sourcing rare blood types | Dr Lex Leong (SA Health) Tuberculosis genomics | Alisa Williams (SA Pathology) Utility of molecular testing in cytology | Dr Elizabeth Duncan (SA Pathology) Local validation of a method to measure Emicizumab in blood | |
| 1430 – 1500 | Dr Anastazia Keegan (Lifeblood) Cold and frozen platelet trials | Lisa Shephard Tuberculosis: laboratory aspects and case studies | Aimee Thomas-Turner (PathWest) IFBLS cytology scholarship Japan | Olivia Yacoub (SA Pathology) Case studies in haemostasis | |
| 1500 – 1540 | Afternoon Tea – Hall N (Exhibition Hall) | | | | |
| 1540 – 1620 | Plenary Dr Vienna Tran (Australian Space Agency) Space Medicine | | | | |
| 1620 – 1700 | Plenary Prof Mark Shephard (Flinders University) Point of Care Testing | | | | |

1730 - 1930

Cocktail Welcome Reception – Hall N (Exhibition Hall)

THURSDAY 22 AUGUST 2024

0800 – 0930

Meet the Expert Breakfast Session
Prof Chris McCudden (University of Ottawa)
 Artificial Intelligence/Informatics

Prof Peter O’Loughlin (SA Pathology)
 Quality Use of Pathology

John Menz (Leadership Management Australia)
 Leadership

0930 – 1030

Plenary – Hall M
Prof Toby Coates (University of Adelaide)
 Pancreatic Islet Cell Transplantation

1030 – 1100

Morning Tea – Hall N (Exhibition Hall)

Concurrent Sessions

Immunology

Haematology

Biochemistry

AIMS Research Engagement

1100 – 1130

Dr Tatjana Banovic
(SA Pathology)
 Autoimmunity

Krystal Gee
(SA Pathology)
 Haematology Utilising the
 Alethia for the detection
 of malaria

Rebecca Banisch
(SA Pathology)
 Trace metal analysis

Genghis Lopez
 Long-read sequencing technology to characterise RHD gene structural variants

Avinash Kundur
 Investigating the impact of guideline adherence and COVID-19 on the management
 of Type 2 Diabetes in Regional Queensland

1130 – 1200

Quynhlan Nguyen
(SA Pathology)
 Case studies in flow
 cytometry

Robyn Wells
(AIMS)
 A case of babesiosis

Helen Martin
(SA Pathology)
 Biochemistry case studies

Ian Cassidy
 Enhancing employability of Medical Laboratory Science graduates

Rebecca Donkin
 An innovative immunohistochemistry panel for detection of metastatic basal cell
 carcinoma

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| 1200 – 1230 | Dr Claire Reynolds Neuronal testing in paraneoplastic syndromes | Dr Lakshmi Nath (Clinpath Pathology) Haematology case studies | Prof Christopher McCuddin (University of Ottawa) Analytical goals and quality control | Mariam Doualeh Quantifying and profiling bacterial DNA in healthy blood to establish a threshold indicative of true infection | |
| | | | | Jacob Westaway Long term impact of probiotic treatment on the developing infant gut microbiome | |
| 1230 – 1330 | Lunch – Hall N (Exhibition Hall) & Poster Session | | | | |
| Session Title Session Chair | Free Communications | | | | |
| 1330 – 1350 | Dianne Lovelock Haemoglobinopathy detection on routine HbA1c testing | Assoc Prof Abishek Santhakumar Pre-analytical errors and their prevention in an emergency department setting | Dr Prawal Gyawali Embedding employability in Medical Laboratory Science programs | | |
| 1350 – 1410 | Henry Legimum Thrombotic microangiopathy induced by the exposure to Oxaliplatin: A case report | Leanne Jones Advancements in laboratory operational capabilities for Emergency Medical Teams | Sarah Kowalski ‘Transfusion laboratory essentials’: Building transfusion knowledge for new and returning laboratory scientists | | |
| 1410 – 1430 | Timothy Stanton Challenge accepted – navigating a new non-parallel universe | Assoc Prof Donna Rudd Is urinary nephrin potentially a better predictor of early glomerular injury during pregnancy | Jenny Morris Twin to twin transfusion and twin anaemia polycythemia sequence | | |
| 1430 – 1450 | Sunil Abraham Evaluation of Cascade Abrazo PT and APTT Point-of-Care testing system at SA Pathology | Prashant Regmi Examination of photoperiod and glucose control in Australian adults: A pilot study | Prof Robert Flower Recombinant protein technology applied to investigate whether alloantibodies to a novel Rh Variant in maternal serum, associated with | | |

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| | | | HDFN, bound to an RHCE construct | | |
| 1450 – 1530 | Afternoon Tea – Hall N (Exhibition Hall) | | | | |
| 1530 – 1700 | Skills Development Pathway – Hall M Panel Presentation + Q&A – AIMS Fellowship (Assoc Prof Tony Woods), APACE (Maureen Jacobsen), CMLS (Sarah Just), AJMS (Robyn Wells) | | | | |
| 1900 – 2300 | Dinner – Panorama Ballroom | | | | |

FRIDAY 23 AUGUST 2024

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| 0830 – 0930 | Saal Foley Lecture – Hall M Dr Brian Dale Educating Medical Laboratory Scientists |
| 0930 – 1000 | Plenary – Hall M Julia Green (Australian Bragg Centre) Proton therapy for cancer treatment |
| 1000 – 1100 | Plenary – Hall M Assoc Prof Vanessa Tyrrell (Children’s Cancer Institute, University of NSW) Zero Cancer Mission |
| 1100 – 1130 | Morning Tea – Hall N |
| 1130 – 1200 | Dr Graham Swinney (IDEXX) – Hall M Veterinary Pathology: Moving forward |
| 1200 – 1230 | Dr Manika Pal (CALHN) – Hall M Obstetric haematology dilemmas |

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| <p>1230 – 1300</p> | <p>Prof Hamish Scott (SA Pathology) – Hall M Translating genomic research to standard of care Examples, barriers and solutions</p> |
| <p>1300-1315</p> | <p>Closing Address (Prof Denise Jackson, AIMS President)</p> |
| <p>1300 - 1400</p> | <p>Lunch – Hall N</p> |
| <p>Close</p> | |

PRINCIPAL PARTNERS

