

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

<b>1130 – 1200</b>	<b>Cuong Pham (SA Pathology)</b> A Digital Morphology Network	<b>Khoa Lam (SA Pathology)</b> Antenatal screening	<b>Dr Morgyn Warner (SA Pathology)</b> Microbiology case studies	<b>Gillian Treloar</b> NATA Update	
<b>1200 – 1230</b>	<b>Prof Sue Branford (SA Pathology)</b> Next generation molecular diagnostics for chronic myeloid leukaemia	<b>Dr David Gillis (Queensland Health)</b> Cross-discipline case studies	<b>Dr Ian Westley (SA Pathology)</b> Toxicology: The strange case of Poppy	<b>Margaret Banks (ACSQHC) Prof Beverley Rowbotham (NPAAC)</b> NPAAC Update	
<b>1230 – 1330</b>	<b>Lunch – Hall N &amp; Poster Session 1</b>				
<b>Concurrent Sessions</b>	<b>Transfusion</b>	<b>Microbiology</b>	<b>Cytology</b>	<b>Haemostasis</b>	
<b>1330 – 1400</b>	<b>Helen Stathopoulos (SA Pathology)</b> Case study: a rare blood type for cardiac surgery	<b>Dr Simone Barry (SA TB Services)</b> Tuberculosis outbreak in remote communities	<b>Jennifer Buckseall (SA Pathology)</b> Gynaecological cytology: Moving Forward	<b>Dr Chee Wee Tan (CALHN)</b> Developments in haemostasis	
<b>1400 – 1430</b>	<b>Jackie Daley (Lifblood)</b> Sourcing rare blood types	<b>Dr Lex Leong (SA Health)</b> Tuberculosis genomics	<b>Alisa Williams (SA Pathology)</b> Utility of molecular testing in cytology	<b>Dr Elizabeth Duncan (SA Pathology)</b> Local validation of a method to measure Emicizumab in blood	
<b>1430 – 1500</b>	<b>Dr Anastazia Keegan (Lifblood)</b> Cold and frozen platelet trials	<b>Lisa Sheppard</b> Tuberculosis: laboratory aspects and case studies	<b>Aimee Thomas-Turner (PathWest)</b> IFBLS cytology scholarship Japan	<b>Olivia Yacoub (SA Pathology)</b> Case studies in haemostasis	
<b>1500 – 1540</b>	<b>Afternoon Tea – Hall N</b>				
<b>1540 – 1620</b>	<b>Plenary</b> <b>Dr Vienna Tran (Australian Space Agency)</b> Space Medicine				
<b>1620 – 1700</b>	<b>Plenary</b> <b>Prof Mark Shepard (Flinders University)</b> Point of Care Testing				

1730 - 1930

Cocktail Welcome Reception – Hall N (Exhibition Hall)

## THURSDAY 22 AUGUST 2024

0800 – 0930

**Meet the Expert Breakfast Session**  
**Assoc 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

Concurrent Sessions

Immunology

Haematology

Biochemistry

AIMS Research Engagement

1100 – 1130

**Dr Tatjana Banovic**  
**(SA Pathology)**  
 Autoimmunity

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

**Rebecca Bahnisch**  
**(SA Pathology)**  
 Trace metal analysis

**Genghis Lopez**  
 Long-read sequencing 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

1200 – 1230	Dr Claire Reynolds Neuronal testing in paraneoplastic syndromes	Dr Lakshmi Nath (Clinpath Pathology) Haematology case studies	Assoc Prof Christopher McCuddin (University of Ottawa) TBA	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 & Poster Session 2				
1300 – 1330	AIMS Annual General Meeting				
Session Title Session Chair	Free Communications				
1330 – 1400					
1400 – 1430					
1430 – 1500					
1500 – 1540	Afternoon Tea – Hall N				
1540 - 1700	Skills Development Pathway – Hall M Panel Presentation + Q&A – AIMS Fellowship, APACE, CMLS				
1900 – 2300	Dinner – Panorama Ballroom				

## FRIDAY 23 AUGUST 2024

0830 – 0930	Saal Foley Lecture – Hall M
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
<b>1100 – 1130</b>	<b>Morning Tea – Hall N</b>
<b>1130 – 1200</b>	<b>Dr Graham Swinney (IDEXX) – Hall M</b> Veterinary Pathology: Moving forward
<b>1200 – 1230</b>	<b>Dr Manika Pal (CALHN) – Hall M</b> Obstetric haematology dilemmas
<b>1230 – 1300</b>	<b>Prof Hamish Scott (SA Pathology) – Hall M</b> Translating genomic research to standard of care Examples, barriers and solutions
<b>1300 - 1400</b>	<b>Lunch – Hall N</b>
<b>Close</b>	

## PRINCIPAL PARTNERS

