



16-18 SEPTEMBER 2026
PAN PACIFIC PERTH

AIMS

NATIONAL SCIENTIFIC MEETING

FRONTIER PATHOLOGY
INNOVATION | COMMUNITY | COLLABORATION

PROGRAM OVERVIEW

** Please note this is a draft program outline and is subject to change at the discretion of the organising committee**

WEDNESDAY 16 SEPTEMBER 2026

TIME	SESSION			
8.00am – 9.00am	Registration			
9.00am – 9.30am	Opening Ceremony			
9.30am – 10.30am	Noninvasive prenatal testing: how it is developed and evolved Professor Allen Chan, The Chinese University of Hong Kong			
10.30am – 11.00am	Morning Tea			
THEME	Genomic Advancements in Pathology	Transplantation Case Study (15mins each)	Microbiology	Haematology
11.00am – 11.30am	Statewide Comprehensive Genomic Profiling to Expedite Excellence in Treatment of WA Cancer Patients Cleo Robinson	Understanding the Starting Point: Diagnostic Story of an HCT Candidate Dr Safia Belbachir HLA typing and Unrelated Donor section Dr Dianne De Santis	SPOTFIRE Respiratory Panel Evaluation: At the Point-of-Care and Near the Point-of-Care Todd Pryce	Implementation of CellaVision digital morphology in PathWest regional laboratories Brad Conway

11.30am – 12.00pm		The role of the transplant laboratory in a transplant patient's journey Dr Coral-Ann Almeida When a patient needs transfusion support Hayley Brown	Utility of Xpert for Neisseria gonorrhoeae confirmatory testing Olivia Foti	FSH and PCH on Ph-like B-ALL Rebecca De Kraa
12.00pm – 12.30pm	WA Centre of Excellence for Neurogenetics Mark Davis		Rapid detection and characterisation of Carbapenemase enzymes in the clinical laboratory Clair Stewart	A structured approach to blood film reporting Matt Wright
12.30pm – 1.30pm	Lunch			
THEME	Transfusion	Microbiology	Anatomical Pathology	Haemostasis
1.30pm – 2.00pm	Red Cell Reference Overview and Interesting Case Review Tanya Cawthorne	Differences and challenges providing a Microbiology service: Remote vs City Paul Healy	HPV Negative HSIL Alina Miranda	Case-based Review of the DDx of Thrombotic Microangiopathy Ross Baker
2.00pm – 2.30pm	Anti-CD38 Neutralisation - A Laboratory's Experience Elle Colace and Elycce Webb	Culture shift: a new rapid diagnostic approach for sepsis care Matthew Payne	Terrible tumours and other oddities at the dissection bench Michael Bushe-Jones	International Standardisation of ADAMTS-13 assays Grace Gilmore
2.30pm – 3.00pm	Governance and policy in transfusion medicine Bradley Webster	Corynebacterium diphtheriae outbreak in WA Daniel Knight and Jade Healy	Fine needle aspiration of a peculiar PEComa presenting in the axillary tail of a female patient Taylah Sanders	TTP Case Study Bridget Hodgkinson
3.00pm – 3.30pm	Afternoon Tea			
3.30pm – 4.30pm	Genetic testing for Prenatal diagnosis of Haemoglobinopathies, Thalassaemia and Haemophilia A. Kerryn Weekes, Thalassaemia and Haemophilia Molecular Reference Laboratory, Monash Medical Centre; 2026 AIMS Travelling Orator			
4.30PM – 5.30PM	Growing red blood cells for therapeutics Dr Becky Griffiths, Australian Red Cross Lifeblood			
5.30pm – 7.30pm	Welcome Cocktail Reception			



THURSDAY 17 SEPTEMBER 2026

TIME	SESSION			
7.30am – 8.30am	Registration			
8.30am – 9.30am	Improving Plasma EBV DNA Analysis for Screening and Management of Nasopharyngeal Cancer Professor Allen Chan, The Chinese University of Hong Kong			
9.30am – 10.30am	It takes a village to raise a child: Omico and precision oncology Associate Professor Mandy Ballinger, University of NSW			
10.30am – 11.00am	Morning Tea			
THEME	Immunology	Forensics	Biochemistry	Free Communications
11.00am – 11.30am	Hereditary Alpha-Tryptasaemia (HaT) Testing at PathWest Naser El-Lagta	Credibility in forensic science: Quality and practice Anna Heavey	Point Of Care Testing Elizabeth Byrnes	<p>Establishing a Statewide Digital Morphology Competency Program for Continuous Monitoring of Haematology Practice in NSW Health Pathology. Karen Collins</p> <p>Comparative evaluation of platelet enumeration using automated haematology analysis, Cella Vision DC-1, and manual microscopy Caroline Mwaluko</p>
11.30am – 12.00pm	Pharmacogenetic testing in the new era of personalised medicine Dr Sam Salman	Enhancing Operational Performance in Forensic Science Penny Cooper & Colby Hymus	Primary Aldosteronism Nicola Sawyer	<p>A Tale of two leukaemias: A Case study of two plasma cell leukaemias Jayson Coulter</p> <p>Is there seasonal variation in the diagnosis of acute leukaemia in the Queensland population? Dianne Lovelock</p>



12.00pm – 12.30pm	Peanut allergies Michael O’Sullivan	DNA techniques to investigate cold cases Gavin Turbett	Bilirubin at point of care – meeting clinical needs and delivering positive patient outcomes Sasa Trivic	Abnormal Platelet Activation in Myeloproliferative Neoplasms Ann Wang Antenatal diagnosis of Down syndrome by imaging flow cytometry Daria Buic
12.30pm – 1.30pm Lunch				
Free Communications				
1.30pm – 2.50pm	Tip Tip – Trauma Informed Paediatric Training For Pathology Collectors Samantha Austin	Longitudinal Study Of The Donation Practices Of Australian Blood Donors. Lin Fung	Principles Of Test Validation: What Is “Extensive As Necessary”? Leesa Bruggink	Longitudinal Development Of The Infant Gut Microbiome During The First Year Of Life Yihenew Million Yeshtila
	Beyond The Tube: Structural Determinants Of Pre-Analytical Quality In Rural And Indigenous Pathology Services – A Systematic Review Elsa Chew	Seroprevalence And Genotypic Characterization Of Hepatitis B Virus Infections In The Abo Blood Types In Papua New Guinea Blood Donors. Francisca Varpit	Validation Of A Multiplex Assay For Kynurenine Pathway Metabolites. Md Munnaf Hossen	Optimisation Of Pcr-Based Detection Enhances Sensitivity For Early-Stage Respiratory Rna Virus Infections In Clinical Microbiology Laboratories Hamidreza Iranpour
	Pre-Analytical Errors In Pathology: Navigating The Landscape In Rural, Regional, And Urban Laboratory Networks. George John	H-Deficient Phenotypes, Rhesus D Variants And Their Clinical Implications For Transfusion Medicine – A Scoping Review Borkwei Ed Nignpense	Allostatic Load In Pregnancy: A Panel Of Cord Blood Inflammatory And Metabolic Markers, Maternal Biological And Psychosocial Status For The Detection Of Infant Neurodevelopmental Outcomes Donna Rudd	Behind The Brainstem: A Rapid Molecular Diagnosis Of A Rare Case Of Rhomboencephalitis Aparna Mallidi
	Clearing Up Anatomical Pathology Reporting Backlogs Hongmei Mao	Deep Learning-Based Multiclass Etiologic Classification Of Prolonged Aptt Using Routine Clot Waveform Analysis Data Mohammad Altememi	Photoperiod And Metabolic Syndrome: A Population-Based Analysis Prashant Regmi	A Retrospective Analysis Of Amoebic Liver Infections At Lautoka Hospital, Fiji, From 2020 To 2024. Khushi Nand



	<p>Spatiotemporal Profiling Of Tnbc And The Tumor Microenvironment Via Exosomal Mirnas Hala Issa</p>	<p>Hierarchical Deep Learning Model For Lupus Anticoagulant Detection From Aptt Clot Waveform Analysis Mohammad Altememi</p>	<p>Comparative Analysis Of Serum Testosterone, Myostatin And Hscrp Among Individuals Undergoing Different Exercise Schedule Adeniran Israel</p>	<p>Effects Of Helicobacter Pylori Infection On Iron Metabolism Saad Mohammed Al-Fad'am</p>
	<p>Is serum ago2 a useful cancer biomarker? A pilot study across colorectal, pancreaticobiliary, and breast cancers Dr Anila Hashimi</p>	<p>Work Ready Or Lab Ready? Rethinking Employability Capabilities In Medical Laboratory Science Program Prajwal Gyawali</p>	<p>Impact Of Gene Polymorphisms Of Vitamin D Receptor (Vdr) On 25-Hydroxyvitamin-D Levels In Nepalese Adults. Dr Binod Kumar Yadav</p>	
2.50pm – 3.30pm	Afternoon Tea			
3.30pm – 5.00 pm	AIMS Skills Development Pathway - Panel Presentation			
7.00pm – 11.00pm	NSM Gala Dinner			

FRIDAY 18 SEPTEMBER 2026

TIME	SESSION
7.30am – 8.30am	Registration



8.30am – 9.30am	Saal Foley Lecture Mr Paul Schneider
9.30am – 10.30am	Implementation of Next Generation Sequencing for the diagnosis of rare childhood diseases Dr Richard Allcock
10.30am – 11.00am	Morning Tea
11.00am – 11.30am	From Precision Peptides to Diagnostic Translation: Development of the Helitope Anti-CagA Serology Assay Dr Samuel Lundin
11.30am – 12.00pm	WA Emerging Innovator of the Year (2025) Professor Rakesh Veedu, Progenis Pharmaceuticals
12.00pm – 12.30pm	Using Genetically Variant Peptides to inform identification Dr Joel Gummer, ChemCentre
12.30pm – 1.00pm	Panel Discussion - AI and Big Data in Pathology Prof Nicola Armstrong, Dr Alex Jenkins, Dr Jeremy Parry, Dr Sara Suk-Udom
1.00pm – 2.00pm	Closing Address and Lunch

