

2026 | TAIPEI
TAIWAN OCT
02-04

ASCPaLM
APCTIBT[®]

The 19th Asian Society of Clinical
Pathology and Laboratory Medicine
Congress 2026, ASCPaLM

Asia Pacific Conference of Transplantation
Immunogenetics and Blood Transfusion
2026, APCTIBT

International Laboratory Medicine
& Biotechnology Innovation Joint Exhibition

***Crossing the Border: Perspectives of
Laboratory Medicine in the AI Era***

DAILY PROGRAM



ASCPaLM 2026 Daily Program

10/3/2026

08:00-08:30
Room 101, 1F
Opening Ceremony

08:30-09:00
Room 101, 1F
Plenary 1 TSCPaLM-ADLM

IS-PL-01	Crossing the Border: Perspectives of Laboratory Medicine in the AI Era Tze-Ping Loh (Singapore)
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09:00-10:30
Room 101, 1F
Session 1: Implementation of Artificial Intelligence in Laboratory Medicine

IS-S1-01	Implementation of Artificial Intelligence in Laboratory Medicine – Patient-based Quality Control Busadee Pratumvinit (Thailand)
IS-S1-02	Using AI to Automate Bone Marrow Differential Counting and Facilitate Homogeneous Reporting Joe Yeh (Taiwan)
IS-S1-03	TBC Hung-Sheng Shang (Taiwan)

09:00-10:30
Room 102, 1F
Session 3: Advances in Precision Medicine

IS-S3-01	Challenges in Clinical Interpretation of Genetic Variants in Germline and Somatic Diseases Chin-An Yang (Taiwan)
IS-S3-02	Defusing the Silver Time-Bomb: How Next-Gen Pathology Saves Public Health from the Aging Crisis in Thailand Kich Aungvitulsatit (Thailand)
IS-S3-03	AI-Powered Multi-Omic ctDNA Analysis for Multi-Cancer Early Detection: From Laboratory Development to Real-World Clinical Practice in Asia Tran Le Son (Vietnam)

09:00-10:30
Room 103, 1F
Session 5: Transfusion Medicine

IS-S5-01	Prehospital Transfusion Mark Yazer (United States of America)
IS-S5-02	Low-Titer Group O Whole Blood in Hemorrhagic Shock: Why Whole Blood Is Returning Yi Lin (Taiwan)

11:00-12:30

Room 101, 1F

Session 2: Presidential Lecture

IS-S2-01	Challenges in Artificial Intelligence (AI)-Driven Laboratory Medicine in Japan Hiroaki Onishi (Japan)
IS-S2-02	From Precision Medicine Research to Translational Biotechnology: Integrating Molecular Diagnostics, Mitochondrial Biology, and Clinical Innovation Myung-Geun Shin (Republic of Korea)
IS-S2-03	TBC Teguh Triyono (Indonesia)

11:00-12:30

Room 102, 1F

Session 4: Laboratory Developed Tests (LDTs): Regulations, Implementation, and Validation

IS-S4-01	Analytical and Clinical Validation Requirements for NGS-Based Tests Chee Leong Cheng (Singapore)
IS-S4-02	Regulatory Frameworks for Laboratory Developed Tests (LDTs) in Taiwan Chi-Kuan Chen (Taiwan)
IS-S4-03	TBC Sang-Hoon Song (Republic of Korea)

11:00-12:30

Room 103, 1F

Session 6: Symposium (Sponsored by Beckman Coulter Inc.)

	TBC
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12:30-13:30

Room 102, 1F

TSBT General Assembly

13:30-14:00

Room 101, 1F

Plenary 2 TSCPaLM-CAP

IS-PL-02	Artificial Intelligence in Digital Pathology: From Vision to Clinical Transformation Chee Leong Cheng (Singapore)
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14:00-15:30

Room 101, 1F

Session 7: Asia Session: Education, Recruitment, and Retention Strategies for the Laboratory Medicine Workforce

IS-S7-01	Strengthening Laboratory Medicine in Thailand Kanit Reesukumal (Thailand)
IS-S7-02	Medical Laboratory Professionals in Japan: Present and Future Toshiyuki Yamada (Japan)
IS-S7-03	Education, Recruitment, and Retention Strategies for the Laboratory Medicine Workforce in Mongolia Oyundelger Munkhtuvshin (Mongolia)

IS-S7-04	Laboratory Medicine Resident Training in Korea: Current Status and Future Directions Myung-Hyun Nam (Republic of Korea)
IS-S7-05	Strengthening Indonesia's Laboratory Medicine Workforce: Education, Recruitment, and Retention Tonang Dwi Ardyanto (Indonesia)
IS-S7-06	The Whole Spectrum of Education and Training for Clinical Pathology in a Tertiary Hospital Ying-Hao Wen (Taiwan)

14:00-15:30

Room 102, 1F

Session 9: Minimal Residual Disease (MRD)

IS-S9-01	Redefining MRD Detection in AML: The Power of NGS with SOPHiA DDM™ RAM Solution Takeshi Sumida (Switzerland)
IS-S9-02	The detection and significances of MRD in AML-- focusing on NPM1 mutations Wen-Chien Chou (Taiwan)
IS-S9-03	Comparison of High-Sensitive Flow Cytometry and Real-Time PCR for Measurable Residual Disease Detection in Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia: A Single Center Real-World Experience Hung-Wen Tsai (Taiwan)

14:00-15:30

Room 103, 1F

Session 11: Clinical and Laboratory Perspectives on Allergen-Related, Endocrine and Metabolic Disorders

IS-S11-01	Neuroendocrine Tumor in Asian Country Tjin-Shin Jap (Taiwan)
IS-S11-02	Allergen Testing: State of the Art and Beyond Chun-Min Kang (Taiwan)
IS-S11-03	Precision Allergy Diagnosis via Component-Resolved Diagnostics Kuo-Tung Tang (Taiwan)

16:00-17:00

Room 101, 1F

Session 8: Microbiology

IS-S8-01	The Role of Gut Microbiome in Colorectal Cancer, Pathophysiology and Algorithm of Laboratory Detection Ida Parwati (Indonesia)
IS-S8-02	TBC Feng-Yee Chang (Taiwan)

16:00-17:30

Room 102, 1F

Session 10: Cell Therapy

IS-S10-01	Platelet-Derived Biotherapies for Precision Regenerative Medicine Thierry Burnouf (Taiwan)
IS-S10-02	Advancing Precision Immunotherapy: Laboratory and Clinical Innovations in Neoantigen and CAR T-Cell Platforms Nattiya Hirankarn (Thailand)
IS-S10-03	Neurodegeneration: From Mechanisms to Precision Diagnosis and Therapies Ching-Chi Chiu (Taiwan)

16:00-17:30

Room 103, 1F

Session 12: Symposium (Sponsored by Thermo Fisher Scientific)

	TBC
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10/4/2026

08:30-09:00

Room 101, 1F

Plenary 3 TSBT-Japanese Red Cross Society

IS-PL-03	Sustainability and Resilience of Blood Services in the Face of Population Decline Nelson Hirokazu Tsuno (Japan)
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09:00-10:30

Room 101, 1F

Session 13: Patient Blood Management (PBM)

IS-S13-01	The Malaysian PBM Experience: Translating Global Standards into a Sustainable National Framework Intan Illiana (Malaysia)
IS-S13-02	From Blood Transfusion to Blood Health - How can Patient Blood Management integrate into our healthcare system to benefit patients? Cheuk-Kwong Lee (Hong Kong)
IS-S13-03	Point-of-Care Hemostatic Testing in Transfusion Medicine Chen-Fuh Lam (Taiwan)

09:00-10:30

Room 102, 1F

Session 15: Cancer and Pathogen Screen

IS-S15-01	Screening and Counselling of Sexually Transmitted Infections: An Update Shu-Hsing Cheng (Taiwan)
IS-S15-02	TBC Rapee Trichavaroj (Thailand)
IS-S15-03	TBC Pedrito Tagayuna (Philippine)

09:00-10:30

Room 103, 1F

Session 17: Mass Spectrometry

IS-S17-01	Case-Triggered LC-MS/MS Screening of Anticoagulant Rodenticides in Unexplained Coagulopathy Yen-Chaio Mao (Taiwan)
IS-S17-02	From Bench to Bedside: Mass Spectrometry for Antiepileptic Drug Monitoring and Its Clinical Impact Chia-Ni Lin (Taiwan)
IS-S17-03	From Spectra to Clinical Intelligence: Mass Spectrometry for Drug Abuse Testing in the AI Era Yi-Ching Lin (Taiwan)

11:00-12:30

Room 101, 1F

Session 14: Education and Training in Transfusion Medicine

IS-S14-01	TBC Cath Stone ()
IS-S14-02	Blood Services in Transition: Meeting Patient Needs Through Innovation and Adaptation Sarah Morley (New Zealand)
IS-S14-03	Toward Safer Transfusion Practice: Development of Taiwan's National Transfusion Medicine Specialist Certification Program Tzong-Shi Chiueh (Taiwan)

11:00-12:30

Room 102, 1F

Session 16: Symposium (Sponsored by Hologic Taiwan Ltd.)

	TBC
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11:00-12:30

Room 103, 1F

Session 18: Symposium (Sponsored by Werfen Taiwan Limited)

	TBC
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12:30-13:30

Room 102, 1F

GP General Assembly

12:30-13:30

Room 103, 1F

TSHI General Assembly

13:30-14:00

Room 101, 1F

Plenary 4 TSHI Invited Speaker

IS-PL-04	Sharing of Accreditation Journey Janette Kwok (Hong Kong)
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14:00-15:30

Room 101, 1F

Session 19: Immunogenetics & Pharmacogenetics

IS-S19-01	Immunogenetics and Pharmacogenetics: Converging Pathways Toward Personalized Medicine Ritu Aggarwal (India)
IS-S19-02	Immunogenetics in the AI Era: Integrating Genomics and Multi-Omics for Precision Care in Autoimmune Diseases Yi-Ming Chen (Taiwan)
IS-S19-03	High - resolution Typing of T Cell Receptor Alleles from Biobank - scale Whole - Genome Sequencing Jacob Shujui Hsu (Taiwan)

14:00-15:30

Room 102, 1F

Session 21: Fungal Infection

IS-S21-01	TBC Yee-Chun Chen (Taiwan)
IS-S21-02	TBC Pei-Lun Sun (Taiwan)

14:00-15:30

Room 103, 1F

Session 23: Oral Presentation

OP-01	Serum Hepcidin and Neutrophil-to-Lymphocyte Ratio as Predictive Biomarkers for Dengue Shock Syndrome Hayati Rizki Putri
OP-02	Prognostic Value of Reticulated Platelets in Coronary Artery Disease: A Meta-Analysis of Sex Differences Mohamed Hamouda Elkasaby
OP-03	AI-Guided Single-Cell Immune Stratification Supports Laboratory Precision Diagnostics in dMMR/MSI-H Endometrial Carcinoma Kim Ngan Ly
OP-04	Post-pandemic viral infections identified by multiplex metagenomic sequencing in pediatric wards in a teaching hospital in northern Taiwan Shu-Hsing Cheng
OP-05	Unlocking Rapid Detection: Predominant Azole-resistant Genotypes in Candida tropicalis Kuo-Yun Yun Tseng
OP-06	One Ratio, Divergent Risks: Trauma Mechanism as a Determinant of Respiratory Failure and Mortality Outcomes in Emergency-Phase Plasma Resuscitation Shin-Yi Tsai
OP-07	Bleeding Risk Prediction Using Thromboelastography in Acute Leukemia at a Tertiary Referral Hospital Gabby Ardani Loman
OP-08	Novel diagnostic proteomic biomarkers for stage II and III colorectal cancer Chung-Ta Lee

16:00-17:00

Room 101, 1F

Session 20: Bioinformatics in Immunogenetics

IS-S20-01	TBC Eun Suk Kang (Republic of Korea)
IS-S20-02	TBC Chien-Yu Chen (Taiwan)

16:00-17:00

Room 101, 1F

Session 22: Fluorescence In Situ Hybridization (FISH) & Cytogenetics

IS-S22-01	The Evolving Role of Cytogenetics and FISH in Precision Oncology: An Old Wine in a New Bottle Thomas Shek Kong Wan (Hong Kong)
IS-S22-02	Diagnosis of Hematologic Neoplasms: From Karyotype to Genome—Do We Still Need Conventional Cytogenetics? Ching-Fen Yang (Taiwan)

16:00-17:00

Room 103, 1F

Session 24: Mini Oral Presentation

MOP-01	Dynamic Expression of Serum Cytokines in a Heart Transplant Recipient with Antibody-Mediated Rejection (AMR) Yen-Jung Lu
MOP-02	A Candida haemulonii fungemia outbreak in an intensive care unit: application of whole genome sequence analysis Shu-Hsing Cheng
MOP-03	Integrative Profiling of Enhancer RNAs in Tumor Tissue and Plasma Cell-Free RNA Reveals Candidate Cancer Biomarkers Masashi Yukawa
MOP-04	Interleukin-27 (IL-27) and Platelet-to-Lymphocyte Ratio (PLR) as Predictors of Shock in Dengue Infection using Logistic Regression and Random Forest Masashi Yukawa
MOP-05	Automated Analyzers for Cerebrospinal Fluid White Blood Cell Counts: A Systematic Review and Meta-Analysis of Diagnostic Test Accuracy Studies Mohamed Hamouda Elkasaby
MOP-06	Uncommon Manifestations of Pediatric SLE: Pulmonary Hemorrhage and Hemolysis PIN-JIUN Lee
MOP-07	Physician's response to critical laboratory values for serum potassium levels in our university hospital Kouki Kaneyama
MOP-08	Diagnostic Pitfalls in Absolute Eosinophilia: A Case of Chronic Eosinophilic Leukemia Coexisting with Extreme Hyper-IgE Maudy Octarini Ezeddin
MOP-09	Design and Validation of Tetra-ARMS PCR for Detecting CYP3A5 Polymorphisms in Nepalese Renal Transplant Recipients Apeksha Niraula
MOP-10	Strengthening Blood Transfusion Safety: The Role of Enhanced Pre-Donation Screening for Transfusion-Transmitted Diseases Chandana K Krishnappa

17:00-17:30

Room 101, 1F

Closing Ceremony