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

10/2/2026

ASCPaLM 2026 Laboratory Visit (Pre-Registration Required)

Participating Hospitals:

- **Far Eastern Memorial Hospital (FEMH)**
  Time: 11:00–12:00 & 14:00-15:00
- **Linkou Chang Gung Memorial Hospital (CGMH)**
  Time: 14:00–15:00

10/3/2026

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

Plenary 1 TSCPaLM Invited Speaker	
Time: 08:30-09:00 **Room: 101, 1F**	
Chair (s):	Chien-Feng Sun (Taiwan)
IS-PL-01	**Crossing the Border: Perspectives of Laboratory Medicine in the AI Era** Tze-Ping Loh (Singapore)

Session 1: Implementation of Artificial Intelligence in Laboratory Medicine	
Time: 09:00-10:30 **Room: 101, 1F**	
Chair (s):	Hung-Sheng Shang (Taiwan) Busadee Pratumvinit (Thailand)
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	**Implementation of Artificial Intelligence in Laboratory Medicine** Hung-Sheng Shang (Taiwan)

Session 3: Advances in Precision Medicine	
Time: 09:00-10:30 **Room: 102, 1F**	
Chair (s):	Kich Aungvitulsatit (Thailand) Chin-An Yang (Taiwan)

IS-S3-01	**Challenges in Clinical Interpretation of Genetic Variants in Germline and Somatic Diseases** Chin-An Yang (Taiwan)
IS-S3-02	**The Next Leap in Thailand's Healthcare System: Transitioning from Traditional Cancer Screening to Liquid Biopsy Technology** 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)

Session 5: Transfusion Medicine in Disasters	
Time: 09:00-10:30 **Room: 103, 1F**	
Chair (s):	Hsin-Chung Lin (Taiwan)
IS-S5-01	**Prehospital Transfusion (Online Steaming)** 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)

Session 2: Presidential Lecture	
Time: 11:00-12:30 **Room: 101, 1F**	
Chair (s):	Fang-Yeh Chu (Taiwan)
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	**From Vein to Algorithm: Building Smart Transfusion Medicine in the AI Era - An Asian Perspective** Teguh Triyono (Indonesia)

Session 4: Laboratory Developed Tests (LDTs): Regulations, Implementation, and Validation	
Time: 11:00-12:30 **Room: 102, 1F**	
Chair (s):	Chi-Kuan Chen (Taiwan) Chee Leong Cheng (Singapore)
IS-S4-01	**Analytical and Clinical Validation Requirements for NGS-Based Tests** Chee Leong Cheng (Singapore)
IS-S4-02	**Taiwan's LDTs Landscape: Regulatory Compliance, MTB Integration, and RWE-Driven Therapeutic Innovations** Chi-Kuan Chen (Taiwan)
IS-S4-03	**Current Status and Regulation of LDT Testing in South Korea** Sang-Hoon Song (Republic of Korea)

Session 6: Symposium (Sponsored by Beckman Coulter Inc.)	
Time: 11:00-12:30 **Room: 103, 1F**	
Chair (s):	Jen-Shiou Lin (Taiwan)
SP-S6-01	**Revolutionizing Alzheimer's Diagnosis: The p-Tau217/Aβ42 Ratio in Asia Pacific** Edward Chi-Yu Wang (United States of America)
SP-S6-02	**Beyond PSA: The Role of PHI in Prostate Cancer Risk Stratification and Diagnosis** Shang-Ju Hsieh (Taiwan)

Lunch Symposium (Sponsored by Roche Diagnostics Ltd, Taiwan)	
Time: 12:30-13:30 **Room: 101, 1F**	
Chair (s):	Cheng-Hsi Liao (Taiwan)
IS-LS-01	**Clinical Applications of CT/NG/MG Rapid Molecular Testing** Ya-Yen Yu (Taiwan)

TSBT General Assembly
Time: 12:30-13:30 **Room: 102, 1F**

Plenary 2 TSCPaLM-CAP	
Time: 13:30-14:00 **Room: 101, 1F**	
Chair (s):	Bai-Hsiun Chen (Taiwan)
IS-PL-02	**Artificial Intelligence in Digital Pathology: From Vision to Clinical Transformation** Chee Leong Cheng (Singapore)

Session 7: Asia Session: Education, Recruitment, and Retention Strategies for the Laboratory Medicine Workforce	
Time: 14:00-15:30 **Room: 101, 1F**	
Chair (s):	Tzong-Shi Chiueh (Taiwan) Toshiyuki Yamada (Japan)
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** Tzong-Shi Chiueh (Taiwan)

Session 9: Minimal Residual Disease (MRD)	
Time: 14:00-15:30 **Room: 102, 1F**	
Chair (s):	Wen-Chien Chou (Taiwan) Hung-Wen Tsai (Taiwan)
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)

Session 11: Clinical and Laboratory Perspectives on Allergen-Related, Endocrine and Metabolic Disorders	
Time: 14:00-15:30 **Room: 103, 1F**	
Chair (s):	Jen-Shiou Lin (Taiwan) Tjin-Shin Jap (Taiwan)
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)

ASCPaLM Board & Council Meeting (For Board & Council Members Only)
Time: 15:30–16:00 **Room: 202B, 2F**

Session 8: Microbiology	
Time: 16:00-17:00 **Room: 101, 1F**	
Chair (s):	Chao-Ju Chen (Taiwan) Lee H. Hilborne (United States of America)

IS-S8-01	**The Role of Gut Microbiome in Colorectal Cancer, Pathophysiology and Algorithm of Laboratory Detection** Ida Parwati (Indonesia)
IS-S8-02	**Recommendations for the Clinical Application of Metagenomic Next-Generation Sequencing (mNGS) in Identifying Pathogens of Infectious Diseases** Feng-Yee Chang (Taiwan)
IS-S8-03	**The Imperative for Evidence-Driven Laboratory Stewardship to Guide Patient Care** Lee H. Hilborne (United States of America)

Session 10: Cell Therapy	
Time: 16:00-17:30 **Room: 102, 1F**	
Chair (s):	Sheng-Hsuan Chien (Taiwan)
IS-S10-01	**Precision Platelet-Derived Biotherapies for Neuroregenerative 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)

Session 12: Symposium (Sponsored by Thermo Fisher Scientific)	
Time: 16:00-17:30 **Room: 103, 1F**	
Chair (s):	Chien-Feng Sun (Taiwan)
SP-S12-01	**From Data to Decision: A Risk-Based Approach to Laboratory Quality Control** Chi-Kuan Chen (Taiwan)
SP-S12-01	**Quality Matters: Ensuring Reliable Results in Molecular Diagnostics** Chi-Kuan Chen (Taiwan)

Gala Dinner (Pre-Registration Required)
Time: 19:00-21:00 **Venue: Banquet Hall II, Grand Hyatt Taipei 3F**

10/4/2026

Plenary 3 TSBT-Japanese Red Cross Society	
Time: 08:30-09:00 **Room: 101, 1F**	
Chair (s):	Shyh-Chyi Lo (Taiwan)
IS-PL-03	**Sustainability and Resilience of Blood Services in the Face of Population Decline** Nelson Hirokazu Tsuno (Japan)

Session 13: Patient Blood Management (PBM)	
Time: 09:00-10:30 **Room: 101, 1F**	
Chair (s):	Shin-Yi Tsai (Taiwan)
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	**Thromboelastometry-Guided Transfusion and Hemostatic Therapy in Major Cardiac Surgery** Yu Lin (Taiwan)

Session 15: Cancer and Pathogen Screen	
Time: 09:00-10:30 **Room: 102, 1F**	
Chair (s):	Shu-Hsing Cheng (Taiwan) Pedrito Tagayuna (Philippine)
IS-S15-01	**Screening and Counselling of Sexually Transmitted Infections: An Update** Shu-Hsing Cheng (Taiwan)
IS-S15-02	**From Validation to Routine Practice: Expanding Access to Comprehensive CT/NG Screening Through Pooled Specimen Testing on the Panther Platform at Pribta Tangerine Clinic, IHRI, Thailand** Rapee Trichavaroj (Thailand)
IS-S15-03	**Cancer Screening in the Philippines: The Laboratory Medicine Perspective** Pedrito Tagayuna (Philippine)

Session 17: Mass Spectrometry	
Time: 09:00-10:30 **Room: 103, 1F**	
Chair (s):	Yu-Hua Chao (Taiwan) Yi-Ching Lin (Taiwan)
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)

Session 14: Education and Training in Transfusion Medicine	
Time: 11:00-12:30 **Room: 101, 1F**	
Chair (s):	Dong-Tsamn Lin (Taiwan)
IS-S14-01	**From First Donation to Lifelong Commitment: Building Donor Loyalty in Australia (Online Streaming)** Cath Stone (Australia)
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)

Session 16: Symposium (Sponsored by Hologic Taiwan Ltd)	
Time: 11:00-12:30 **Room: 102, 1F**	
Chair (s):	Rapee Trichavaroj (Thailand) Paul Robert Grant (United Kingdom)
SP-S16-01	**Leveraging Molecular Diagnostics for Infectious Disease Testing: Real-World Experience from a High-Volume Reference Laboratory** Paul Robert Grant (United Kingdom)
SP-S16-02	**Diagnostic Technologies in Sexually Transmitted Infections (STIs) and Delivery Strategies: Lessons Learned from Pribta Tangerine Clinic, Thailand** Rapee Trichavaroj (Thailand)

Session 18: Symposium (Sponored by Werfen Taiwan Limited)	
Time: 11:00-12:30 **Room: 103, 1F**	
Chair (s):	Ajay Gandhi (India)
SP-S18-01	**Practice Algorithm of Rotational Thromboelastometry-Guided Patient Blood Management in Taiwan** Chueng He Lu (Taiwan)
SP-S18-02	**Goal-Directed Bleeding Management: Principles, Evidence, and Practical Clinical Applications in Patient Blood Management** Ajay Gandhi (India)

GP General Assembly
Time: 12:30-13:30 **Room: 102, 1F**

TSHI General Assembly
Time: 12:30-13:30 **Room: 103, 1F**

Plenary 4 TSHI Invited Speaker	
Time: 13:30-14:00 **Room: 101, 1F**	
Chair (s):	Ya-Chien Yang (Taiwan)
IS-PL-04	**Sharing of Accreditation Journey** Janette Kwok (Hong Kong)

Session 19: Immunogenetics & Pharmacogenetics	
Time: 14:00-15:30 **Room: 101, 1F**	
Chair (s):	Ritu Aggarwal (India) Howard Doong (Taiwan)
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)

Session 21: Fungal Infection	
Time: 14:00-15:00 **Room: 102, 1F**	
Chair (s):	Cheng-Chuan Su (Taiwan) Ida Parwati (Indonesia)
IS-S21-01	**Crossing the Diagnostic Border in Fungal Infections: From Conventional to Next-Generation Diagnostics** Yee-Chun Chen (Taiwan)
IS-S21-02	**Combating drug resistance in fungi: Are we ready for it?** Pei-Lun Sun (Taiwan)

Session 23: Oral Presentation	
Time: 14:00-15:30 **Room: 103, 1F**	
Chair (s):	Chun-Min Kang (Taiwan)
OP-01	**Serum Hepcidin and Neutrophil-to-Lymphocyte Ratio as Predictive Biomarkers for Dengue Shock Syndrome** Hayati Rizki Putri
OP-02	**AI-Guided Single-Cell Immune Stratification Supports Laboratory Precision Diagnostics in dMMR/MSI-H Endometrial Carcinoma** Kim Ngan Ly
OP-03	**Post-pandemic Viral Infections Identified by Multiplex Metagenomic Sequencing in Pediatric Wards in a Teaching Hospital in Northern Taiwan** Shu-Hsing Cheng
OP-04	**Unlocking Rapid Detection: Predominant Azole-resistant Genotypes in Candida tropicalis** Kuo-Yun Yun Tseng
OP-05	**One Ratio, Divergent Risks: Trauma Mechanism as a Determinant of Respiratory Failure and Mortality Outcomes in Emergency-Phase Plasma Resuscitation** Shin-Yi Tsai
OP-06	**Bleeding Risk Prediction Using Thromboelastography in Acute Leukemia at a Tertiary Referral Hospital** Gabby Ardani Loman
OP-07	**Novel Diagnostic Proteomic Biomarkers for Stage II and III Colorectal Cancer** Chung-Ta Lee

Special Talk	
Time: 15:00-15:30 **Room: 102, 1F**	
Chair (s):	Cheng-Chuan Su (Taiwan) Ida Parwati (Indonesia)
IS-ST-01	**Variant Origins of Sporadic Hemophilia A** Shih-Yao Lin (Taiwan)

Session 20: Bioinformatics in Immunogenetics	
Time: 16:00-17:00 **Room: 101, 1F**	
Chair (s):	Jacob Shujui Hsu (Taiwan) Shin-Yi Tsai (Taiwan)
IS-S20-01	**Beyond Conventional HLA Matching: What Does Molecular Matching Add to Transplantation?** Eun Suk Kang (Republic of Korea)
IS-S20-02	**AI-Driven Immunogenomics: From HLA-Restricted Antigen Presentation to T-Cell Recognition** Chien-Yu Chen (Taiwan)

Session 22: Fluorescence In Situ Hybridization (FISH) & Cytogenetics	
Time: 16:00-17:00 **Room: 101, 1F**	
Chair (s):	Ching-Fen Yang (Taiwan) Ku, Wen-Hui (Taiwan)
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)

Session 24: Mini Oral Presentation	
Time: 16:00-17:00 **Room: 103, 1F**	
Chair (s):	Li-Jung, Ma (Taiwan)
MOP-01	**Dynamic Expression of Serum Cytokines in a Heart Transplant Recipient with Antibody-Mediated Rejection (AMR)** Chun-Chi 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** Ng Yan Hong
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** Agustin Iskandar
MOP-05	**Uncommon Manifestations of Pediatric SLE: Pulmonary Hemorrhage and Hemolysis** Pin-Jiun Chen
MOP-06	**Physician's Response to Critical Laboratory Values for Serum Potassium Levels in Our University Hospital** Kouki Kaneyama
MOP-07	**Diagnostic Pitfalls in Absolute Eosinophilia: A Case of Chronic Eosinophilic Leukemia Coexisting with Extreme Hyper-IgE** Maudy Octarini Ezeddin

Closing Ceremony
Time: 17:00-17:30 **Room: 101, 1F**

Presidential Dinner (Invited Only)
Time: 19:00-21:00 **Venue: The Residence, Grand Hyatt Taipei**