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SelectBIO December 3-4, 2026

Kuala Lumpur, Malaysia

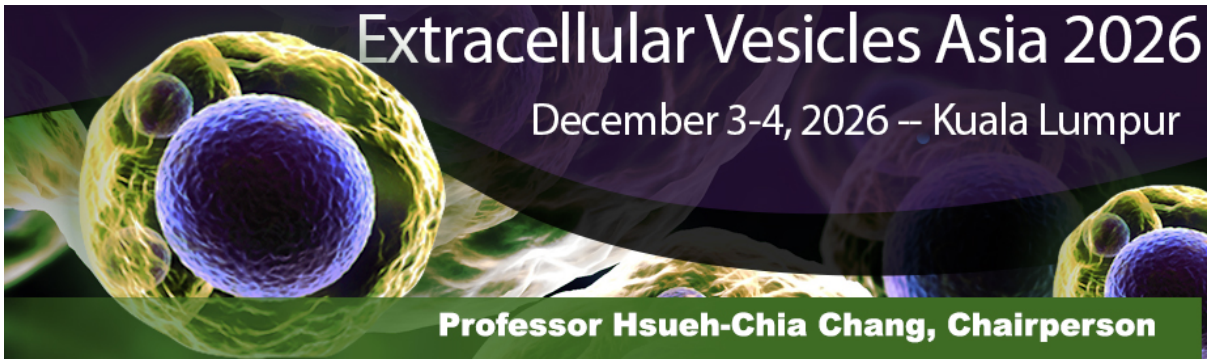
Extracellular Vesicles Asia 2026: Technologies to Dx and Rx

Point-of-Care, Rapid Diagnostics & Biosensors 2026

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Conference Day 1 – Thursday, 3 December 2026

08:00 Participants Check-In
Conference Registration, Conference Materials Pick-Up, Coffee, Tea and Networking

09:00 **Conference Chairperson's Welcome**
Nanotechnologies for Multi-Omic and Multiplexed EV Diagnostics

Hsueh-Chia Chang, Bayer Professor of Chemical and Biomolecular Engineering, University of Notre Dame; Co-Founder & CTO, Aopia Biosciences, United States of America—Conference Chairperson

09:30 **Keynote Presentation**
Extracellular Vesicle Plasma Proteins in Diagnosis and Prognosis of Cardiovascular Disease

Dominique PV de Kleijn, Professor Experimental Vascular Surgery, Professor Netherlands Heart Institute, University Medical Center Utrecht, The Netherlands

10:00 **Technology Spotlight Presentation**
Particle Metrix Nanoparticle Tracking Analysis Platform for Studying EVs and LNPs

Sven Kreutel, CEO, Particle Metrix, Inc., United States of America and Germany

10:30 Mid-Morning Coffee, Tea and Snacks in the Exhibits Area and Networking with Exhibitors

11:00 Single-Vesicle Digital Surface-Enhanced Raman Scattering Profiling of Brain-derived Extracellular Vesicles from Blood

Richard Lobb, Bioengineering and Nanotechnology, The University of Queensland, Australia

11:30 Extracellular Vesicles as Multi-Specific Therapeutics for Lung and Rare Diseases

Wojciech Chrzanowski, Professor of Nanomedicine, The University of Sydney, Australia

12:00 Label-free Microfluidics Technologies for Extracellular Vesicles Isolation

Han Wei Hou, Associate Professor, Lee Kong Chian School of Medicine, Nanyang Technological University Singapore

12:30 Networking Buffet Lunch in the Hotel Restaurant and Poster Viewing

13:30 Extracellular Vesicles as Nucleic Acid Drug Carriers: Mechanistic Insights and Engineering Strategies

Ying Zhang, Assistant Professor, School of Pharmaceutical Sciences, Tsinghua University, China

14:00 MSC-EVs and Their Active Components for Joint Repair

Wei Seong Toh, Associate Professor, Department of Orthopaedic Surgery, Yong Loo Lin School of Medicine, National University of Singapore

14:30 AI-Engineered Extracellular Vesicles: A New Frontier for Disease-Modifying Osteoarthritis Therapy

Hsiu-Jung Liao, Assistant Professor, Institute of Biopharmaceutical Sciences, National Yang Ming Chiao Tung University, Taiwan

15:00 Mid-Afternoon Coffee, Tea and Snacks in the Exhibits Area and Networking with Exhibitors

15:30 AI-Designed Artificial Exosomes: Toward Scalable Nanovesicle Therapeutics

Hyo-Il Jung, Professor, School of Mechanical Engineering, Yonsei University, Seoul, South Korea

16:00 Technology Spotlight Presentation by Eppendorf

16:30 Overview of MySEV Scientific Society and Engagement with EV Researchers

Dr Hajah Norhayati binti Liaqat Ali Khan, President, Malaysian Society for Extracellular Vesicles (MySEV) 2023 - 2025 ; 2025 - 2027

17:00 Purification and Characterization of Engineered Let-7a-Enriched Extracellular Vesicles for Attenuating Acute Lung Injury and Peritoneal Fibrosis

Chi-Ying F. Huang, Institute of Biopharmaceutical Sciences, College of Pharmaceutical Sciences, National Yang Ming Chiao Tung University, Taipei, Taiwan

17:30 Networking Event -- Meet the Exhibitors and Engage with Colleagues + Particle Metrix on-site + Eppendorf on-site + Kloé on-site + Poster Viewing

18:30 Close of Day 1 of the Conference

Conference Day 2 – Friday, 4 December 2026

08:30 Morning Coffee, Tea and Networking + Poster Viewing

09:00 Development of Bispecific Extracellular Vesicles for Cancer Immunotherapy

Le Thi Nguyet Minh, Associate Professor, Yong Loo Lin School of Medicine, National University of Singapore

09:30 Mesenchymal Stem Cells Derived Exosomes as Therapeutics: Immune Regulation on the Ocular Surface

Hon Shing Ong, Assistant Professor, Ophthalmology & Visual Sciences, Duke-NUS Medical School Singapore

10:00 MSC-EVs as Therapeutics in the Treatment of Musculoskeletal Diseases

Jiao Jiao Li, Senior Lecturer in Biomedical Engineering at University of Technology Sydney (UTS), Australia

10:30 Mid-Morning Coffee, Tea and Snacks in the Exhibits Area and Networking with Exhibitors

11:00 **Instrument Demonstration**
Onsite Demonstration of the ZetaView Platform for NTA, fNTA

Sven Kreutel, CEO, Particle Metrix, Inc., United States and Germany

11:30 **Product Demonstration**
Onsite Demonstration of Eppendorf Products for EV Researchers

Eppendorf Presenter Details to the Confirmed

12:00 Networking Buffet Lunch in the Hotel Restaurant

13:00 Extracellular Vesicles Enabled Next-Generation Biotherapies

Haiyan Xie, Professor, School of Pharmaceutical Sciences, Peking University, China

13:30 Bacterial Extracellular Vesicles in Periodontitis Diagnosis and Disease Monitoring

Pingping Han, NHMRC Investigator Fellow, School of Dentistry, The University of Queensland, Australia

14:00 EV-GlioMA: Advancing Non-Invasive Glioma Diagnostics Through Urinary Extracellular Vesicle Metabolomic Profiling

Hang Zou, Professor, Department of Laboratory Medicine, Nanfang Hospital, Southern Medical University, China

14:30 Mid-Afternoon Coffee, Tea and Snacks

15:00 Extracellular Vesicle-Associated STAT3 as a Potential Biomarker and Mediator of Epithelial–Immune Crosstalk in Skin Fibrosis

Binita Dam, Senior Research Fellow, Institute for Stem Cell Science and Regenerative Medicine (BRIC-inStem), India

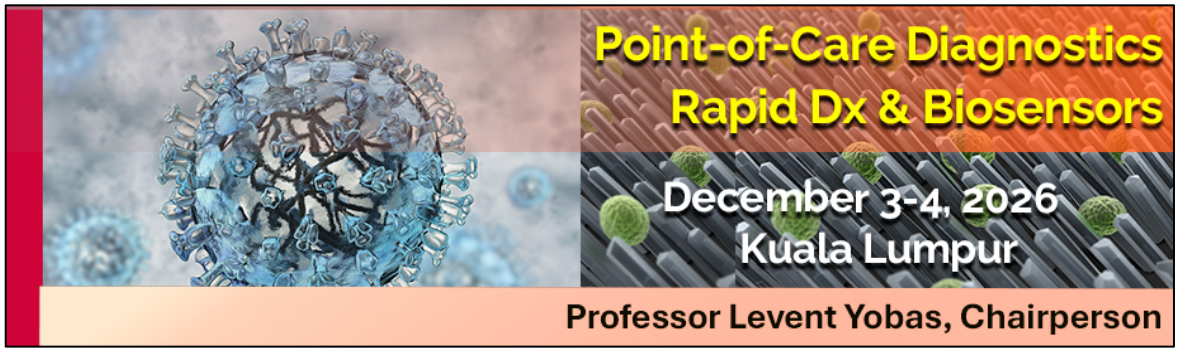
15:30 Programming the Liver as an In Vivo Extracellular Vesicle Biofactory Enables Kidney-Directed HNF4A mRNA Delivery via the Albumin–LRP2 Axis

Hong-Bin Yang, Institute of Nephrology, Zhongda Hospital, Southeast University, Nanjing, China

16:00 Presentation Details to be Confirmed

16:30 Presentation Details to be Confirmed

17:00 Close of Conference



Satellite Track Agenda – Thursday, 3 December 2026
Chaired by Professor Dr. Levent Yobas
Professor, Hong Kong University of Science and Technology

13:30 Keynote Presentation
A Point-of-Care Pathogen Detection Using Reagent-Free Nucleic Acid Purification

Levent Yobas, Professor, Hong Kong University of Science and Technology

14:00 Engineering Light for Rapid Point-of-Care Diagnostics

Abraham Qavi, Assistant Professor, Director of Point of Care Testing, Director of Innovative Laboratory Diagnostics, University of California-Irvine, United States of America

14:30 **Technology Spotlight Presentation**
Presentation Details to be Confirmed

Paul Coudray, CEO, Kloé, France

15:00 Mid-Afternoon Coffee Break and Networking -- Coffee, Tea and Light Snacks

15:30 A Fully Integrated Lab-on-a-Chip Platform for In-Field Diagnostics of Sugarcane Diseases

Gabriella Dias Arena, Research Scientist, Doroth – Biotech Automation for Better Farming, Brazil

16:00 Microfluidic Impedance-Deformability Cytometry for Rapid Cardiovascular Risk Stratification

Han Wei Hou, Associate Professor, School of Mechanical and Aerospace Engineering, Lee Kong Chian School of Medicine, Nanyang Technological University Singapore

16:30 Rapid Phenotypic Antimicrobial Susceptibility Testing for Improved Treatment of Infections

Kangning Ren, Professor, Department of Chemistry, Hong Kong Baptist University

17:00 Deformability Cytometry for Noninvasive High-throughput Characterization of Cells

Megan Yi-Ping Ho, Professor, The Chinese University of Hong Kong and National Taiwan University, Hong Kong SAR and Taiwan ROC

17:30 Networking Event -- Meet the Exhibitors and Engage with Colleagues + Particle Metrix on-site + Eppendorf on-site + Kloé on-site + Poster Viewing

18:30 Close of Satellite Track