GENE SOLUTIONS

ESMO 2026 Industry Satellite Symposium

AI-Enabled Multi-omic Liquid Biopsy Across the Cancer Care Continuum:

From Technological Innovation to Scalable Clinical Implementation

09:45 - 11:15 CEST

Fri, 23 Oct 2026 | Salamanca Auditorium - HALL 10



Co-Chair
Prof. Herbert Ho Fung Loong
The Chinese University of Hong Kong, Hong Kong SAR



Co-Chair
Prof. Umberto Malapelle
University Federico II of Naples, Italy



Dr. Le Son Tran
Medical Genetics Institute, Vietnam



Prof. Aya El-Helali
The University of Hong Kong, Hong Kong SAR



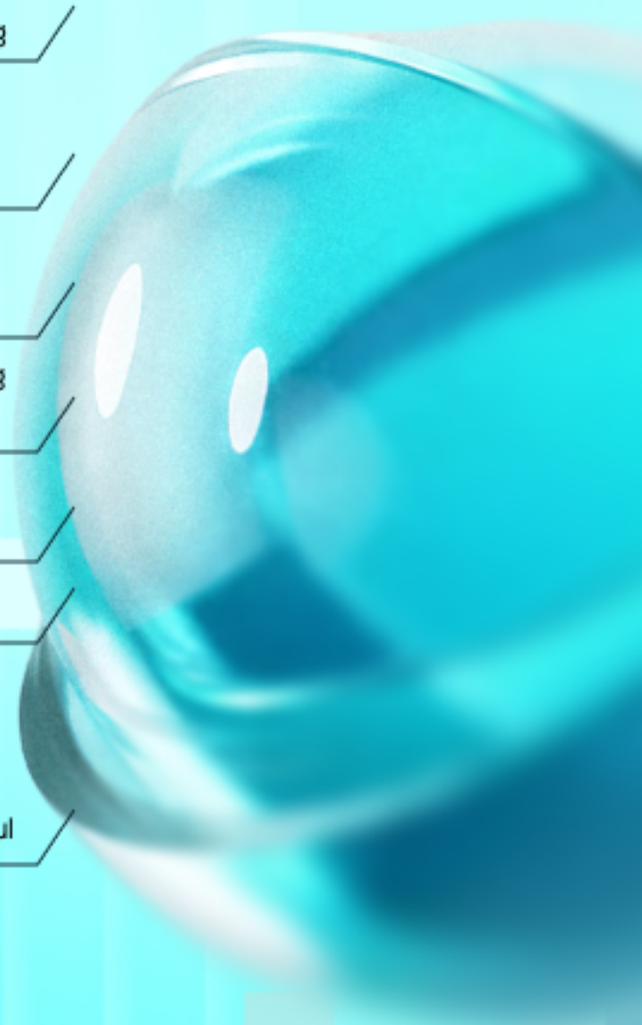
Dr. Vien Le
Medical Genetics Institute, Vietnam



Asst. Prof. Lucksamon Thamlikitkul
Siriraj Hospital, Mahidol University, Thailand

Agenda:

09:45 09:51	Welcome & Introduction	Herbert Ho Fung Loong
09:51 10:03	Clinical Challenges with Multi-Cancer Early Detection Tests: Unmet Needs and Lessons for Next-Generation Approaches in Precision Oncology	Umberto Malapelle
10:03 10:15	AI-enabled Multi-omic Cell-free DNA Profiling for Multi-cancer Detection: Technology Principles, Large Validation Datasets - Pathways to Global/ Diverse Implementation	Le Son Tran
10:15 10:27	Multi-Omic Liquid Biopsy Approaches in Precision Oncology: Asian Real-world Evidence at Scale, Affordability and High Precision Applications	Herbert Ho Fung Loong
10:27 10:39	The Role of Multi-Omic Signals for Next-Generation Precision Oncology and Immunogenetic Discovery	Aya El-Helali
10:39 10:47	3D Patient-Derived Organoids in Precision Medicine: From Bench to Bedside	Vien Le
10:47 11:12	Panel Discussion: Bridging Regional Evidence to Global Precision Oncology: Challenges and Opportunities in Multi-omic Liquid Biopsy Implementation Across the Cancer Care Continuum	Herbert H. Loong, Umberto Malapelle, Le Son Tran, Aya El-Helali, Vien Le, Lucksamon Thamlikitkul
11:12 11:15	Closing Remarks	Umberto Malapelle



This non-promotional medical educational symposium is organized and funded by Gene Solutions for healthcare professionals only.
Please contact rb.medicalhub@genesolutions.com for more information.
© 2026 Gene Solutions. All rights reserved.