Element Biosciences

Taiwan's First Element User Group Meeting



Time	Topic / Speakers
09:30 - 10:00	**Registration & Welcome**
10:00 - 10:10	**Opening Remarks**
10:10 - 10:20	**Deliver Remarks** Molly He, PhD | CEO & Co-founder, Element Biosciences
10:20 - 10:50	**From Sample to Action: Direct In Sample Sequencing with RNA, protein, morphology, variant detection, and cell identity—no library prep** Michael Previte, PhD | CTO, SVP of Advanced Research & Co-founder, Element Biosciences
10:50 - 11:20	**Coffee Break & Networking**
11:20 - 11:50	**Overcoming Targeted Therapy Resistance in Non-Small Cell Lung Cancer: AVITI24™ Multiomic Profiling Implicates Aldehyde Metabolism as a Druggable Vulnerability** Mark Adams, PhD | Associate Professor, QUT Centre for Genomics and Personalised Health
11:50 - 12:10	**Experimental design with the Element portfolio** Maybelline Giam, PhD | Senior Manager, Field Application Services, Element Biosciences
12:10 - 13:30	**Lunch Break**
13:30 - 14:00	**Analytical Performance of AVITI24 in Tissue and Liquid Biopsy Testing.** Dr. Hua-Chien Chen | Co-Founder & CEO, ACT Genomics, Ltd.
14:00 - 14:30	**Clinical whole-exome sequencing for the diagnosis and prevention of rare disorders** Prof. H. Sunny Sun, Ph.D | Professor & Director, Center for Genomic Medicine, NCKU
14:30 - 14:50	**Coffee Break & Networking**
14:50 - 15:30	**AI-Driven Multi-Omics Precision Health** Dr. Chia-Ming Chang | Medical Director, Essense Clinic
15:30 - 16:00	**Asymmetric Extended Read 1 Sequencing (500/100 bp) Enables Accurate Germline T-cell Receptor Gene Profiling** Yu-Hsuan Yang, Ph.D. Candidate | Institute of Medical Genomics and Proteomics, NTU College of Medicine
16:00 - 16:50	**Interactive Quiz, Awards & Closing Remarks**