International Symposium of Big Data and AI in Bioinformatics

生物資訊國際交流會議 **Japan(ScienceTokyo) × Taiwan**

Location | 國立陽明交通大學博愛校區賢齊館 子萌堂春耕軒

AGENDA

Time	Topics	Speaker
08:50 - 09:05	Welcome Reception	
09:05 - 09:10	Opening Remarks / Group Photo	
09:10 - 10:00	**Keynote Speech** **Challenges from Genomics to Biological Networks by Supercomputers**	**Dr. Satoru Miyano**（宮野悟） Specially Appointed Professor, Institute of Science Tokyo Director, M&D Data Science Center, Institute of Integrated Research Professor Emeritus, The University of Tokyo, Japan
10:00 - 10:20	Coffee Break	
10:20 - 10:50	**Big Data and AI Innovations for Next-Generation Precision Medicine**	**Dr. Tzong-Yi Lee**（李宗夷） Professor & Director Institute of Bioinformatics and Systems Biology, National Yang Ming Chiao Tung University (NYCU)
10:50 - 11:20	**Structural and Dynamic Impacts of Substrates and Inhibitors on Nucleic Acid–Binding Proteins**	**Dr. Yu-Yuan Hsiao**（蕭育源） Professor, Associate Dean & Director Institute of Molecular Medicine and Bioengineering, National Yang Ming Chiao Tung University (NYCU)
11:20 - 11:50	**RNA Regulation in Human Disease: From circRNA-driven Networks in Autism to Systems Pharmacology in Cancer**	**Dr. Te-Lun Mai**（麥德倫） Assistant Professor (Yushan Young Scholar) Department of Life Science, National Taiwan University (NTU)
11:50 - 13:20	Lunch	
13:20 - 13:50	**Transforming Clinical Insights: AI-Driven Biomedical Data Analysis**	**Dr. Tzu-Hao Chang**（張資昊） Professor & Director Institute of Biomedical Informatics, Taipei Medical University (TMU)
13:50 - 14:20	**Network-based Strategies for Precision Medicine: Deciphering Individual Disease Features from Omics Data**	**Dr. Chun-Yu Lin**（林峻宇） Associate Professor Institute of Bioinformatics and Systems Biology, National Yang Ming Chiao Tung University (NYCU)
14:20 - 14:40	Coffee Break	
14:40 - 15:10	**Mass Spectrometry-based Multiomic Analysis in Human Diseases**	**Dr. Yi-Ju Chen**（陳誼如） Assistant Professor Department of Biological Science and Technology, National Yang Ming Chiao Tung University (NYCU)
15:10 - 15:40	**Transforming Clinical Infection Management with AI-Based Diagnostics and Discovery**	**Dr. Chia-Ru Chung**（鍾佳儒） Assistant Professor Department of Computer Science and Information Engineering, National Central University (NCU)
15:40 - 17:00	Panel Discussion	
17:00 - 17:10	Closing Remarks	
18: 00 -	Dinner Banquet	

Center for intelligent Drug Systems and Smart Bio-devices IDS2B（智慧型藥物與智能生物裝置研究中心）
Cancer and Immunology Research Center（腫瘤與免疫學研究中心）
Molecular Bioinformatics Center（生物資訊中心）

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