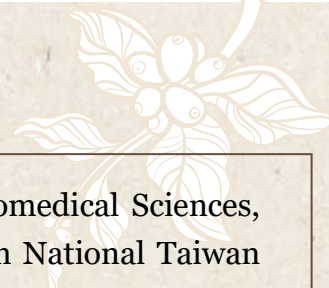


Speaker Bio



Dr. Shih-Yu Chen is an Associate Research Fellow at the Institute of Biomedical Sciences, Academia Sinica. A physician-scientist by training, he earned his M.D. from National Taiwan University and a PhD in Neuroscience from the University of California, Davis. Before returning to Taiwan, Dr. Chen spent seven years at Stanford University as a postdoctoral research fellow and research scientist, where he specialized in high-dimensional mass spectrometry and multiplexed ion beam imaging.

His research laboratory focuses on multi-omic single-cell analysis and cellular immunity, specifically investigating how chronic stress and metabolic barriers drive divergent cellular trajectories in disease. Dr. Chen has received numerous accolades for his work, including the National Innovation Award, the Career Development Award from Academia Sinica, and the Special Outstanding Talent Award from the Ministry of Science and Technology. He has contributed extensively to the development of novel single-cell technology platforms. His recent work emphasizes the critical transition from high-resolution profiling to the functional manipulation of immune dynamics.