

Speaker Bio

Dr. Feng-Shu Hsieh is a postdoctoral fellow at the Institute of Molecular Biology, Academia Sinica. She began her scientific journey as a graduate student studying the molecular mechanisms of transcriptional repression, where she discovered her passion for research. After earning her Ph.D., she pursued her first postdoctoral training at National Taiwan University Hospital, contributing to a basic science team dedicated to identifying novel targets for anti-cancer therapies. In this role, she focused on bridging bench-side discoveries with potential clinical applications.

Originally trained as a molecular biologist, Dr. Feng-Shu Hsieh sought to move beyond qualitative descriptions of molecular and cellular behaviors. This drive led her to join Dr. Sheng-hong Chen's research team, Lab for Cell Dynamic, at Academia Sinica, where she integrates quantitative approaches to study cell behavior. By leveraging advanced imaging and computational techniques, she investigates complex biological questions through the lens of systems biology, with a particular focus on molecular and cellular dynamics.

In her presentation, she will share the recent work published in *Cell Systems*, detailing the molecular mechanism underpin robust biological oscillators, along with the untold stories behind the research process.