



# Speaker Bio



**Ting-Ying Wu** is an Assistant Research Fellow at the Institute of Plant and Microbial Biology, Academia Sinica, Taiwan. She holds a Ph.D. in Biology from the Swiss Federal Institute of Technology in Zurich (ETHZ) and has extensive experience in plant-environment interactions, with a focus on gene regulatory and signaling networks during her postdoc training at Temasek Life Science Laboratory, Singapore. Her research explores how plants adapt and evolve in response to environmental stresses such as heat and drought. Her current research delves into the evolutionary dynamics of plant stress responses, using model species like *Marchantia polymorpha* and *Arabidopsis thaliana* to study gene regulatory networks in dynamic environments. Ting-Ying's work aims to bridge systems biology with predictive modeling, addressing critical challenges in agriculture by developing strategies to mitigate the effects of stress on plant growth and crop productivity.

