



Yijuang Chern, Ph.D.

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Dr. Yijuang Chern received her Ph.D. in Molecular and Cellular Biology from the University of Massachusetts Amherst (USA) and completed her postdoctoral training in Signal Transduction at Harvard Medical School (USA). She has served as Deputy Minister at the National Science and Technology Council and is currently a Distinguished Research Fellow and Director of the Institute of Biomedical Sciences at Academia Sinica (Taiwan). Her laboratory focuses on two interrelated research areas: (1) the functional characterization of the A_{2A} adenosine receptor (A_{2A}R) and (2) the development of novel therapeutic strategies for neurodegenerative diseases, including Huntington's disease, amyotrophic lateral sclerosis, and Alzheimer's disease. Her goal is to develop biomarkers and treatments for neurodegenerative diseases based on the functional and pharmacological properties of A_{2A}R and novel mechanisms of disease pathogenesis. Her studies on A_{2A}R and degenerative diseases have resulted in 27 patents and several additional patent applications. In addition, Dr. Chern has published 139 papers and five book chapters and has an h-index of 53 (as of Nov. 13, 2025).