

# Speaker Bio



**Dr. Cheng-Wei Cheng** is an Assistant Professor in the Master Program of AI Application in Health Industry at Kaohsiung Medical University, with joint appointments in the School of Medicine, the Graduate Institute of Medicine, and the Department of Healthcare Administration and Medical Informatics. He also serves on the AI Advisory Committee of Kaohsiung Medical University Hospital and is a member of the Center for Big Data Research and the Biomedical Artificial Intelligence Academy at Kaohsiung Medical University.

Dr. Cheng received his Ph.D. in Bioinformatics from the Taiwan International Graduate Program (Academia Sinica and National Yang Ming University) and completed his postdoctoral training at Academia Sinica's Genomics Research Center. His research spans SARS-CoV-2 vaccine design and drug discovery, data science in chemical-based glycan synthesis, computational proteomics and glycoproteomics, and structural bioinformatics.

He has published in leading journals such as Nature Communications, PNAS, Science Translational Medicine, and Nucleic Acids Research, and has received several honors, including the Outstanding Research Award from Kaohsiung Medical University and the Hon Hai Outstanding Research Award (鴻海傑出科技獎).