Panelist:

Name:	**Kai-Cheng Hsu, MD, Ph.D.**
Position:	Chief Medical Officer, Biomedical Technology and Device Research Laboratories, ITRI
Affiliation:	Industrial Technology Research Institute (ITRI) Biomedical Big Data & Artificial Intelligence Technology Division
Specialty:	•Medical Artificial Intelligence: Software as a Medical Device, Medical Large Language Model •Neurology: Stroke, Dementia, Sleep Disorder •Bioinformatics: Systems Biology, Next Generation Sequencing, GenAI for Drug Discovery
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Biography *(350words):*

Dr. Kai-Cheng Hsu is a distinguished neurologist specializing in dementia, stroke, and sleep disorders. He graduated from the National Taiwan University College of Medicine and further pursued interdisciplinary studies, earning a PhD in Chemical Engineering and an MS in Electrical Engineering from National Chung Cheng University. From 2018 to 2020, Dr. Hsu was a researcher at the National Institutes of Health (NIH) in the United States, working within the Neurology and Stroke Institute's Information and Bioinformatics Division. His expertise spans artificial intelligence, systems biology, biomedical signal processing, and bioinformatics.

Dr. Hsu has extensive practical experience in medical AI, adeptly combining clinical knowledge with advanced AI technologies to enhance clinical applications. From 2020 to 2023, he served as the Director of the AI Center at China Medical University Hospital. In this role, he spearheaded the development of numerous AI tools for clinical implementation and secured TFDA software as a medical device (SaMD) certifications. His work has been widely published in leading academic journals on medical AI.

In 2024, Dr. Hsu joined the Industrial Technology Research Institute (ITRI) to advance AI research in the health and medical sectors. His focus includes innovations in medical imaging, biomedical signal processing, electronic medical records, and bioinformatics, aiming to push the boundaries of healthcare technology.