1. 演講題目：

**Targeting metabolic-redox circuits for cancer therapy**

2. 個人照片及CV：

**請參考附加檔案**

3. 演講摘要：

Dr. Ching-Chuan Kuo is currently an Investigator at the Institute of Biotechnology and Pharmaceutical Research (IBPR) of National Health Research Institutes (NHRI). Her research interests can be divided into four parts: (1) target identification and target validation (TI/TV); (2) establishment of new patient-derived cancer models for integrated drug research and preclinical development; (3) discovery of novel therapeutic agents and combination strategies for cancer treatment; (4) research on new chemoresistance mechanisms and discover reversal strategies. To date, Dr. Kuo has published 100 SCI articles and received two patents. In particular, four drug candidates from her participating development projects have received the Investigational New Drug (IND) approval by US-FDA and Taiwan FDA for clinical investigation. In recent years, Dr. Kuo has mainly focused on the fields of targeted immuno-oncology, tumor metabolism, and oncogenic kinases. In this talk, Dr. Kuo will give the title of "Targeting metabolic-redox circuits for cancer therapy". Under this topic, she will introduce her progress and bottlenecks in new drug discovery and development of IBPR-NHRI, and share her personal research interests on dissection of the pathogenesis of head and neck cancer, and provide possible treatment strategies accordingly.