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**Current Positions** Assistant Professor  
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### Education

2016 Ph.D. in the Institute of Basic Medical Sciences, National Cheng Kung University

2019 Postdoc fellow in the University of Texas, MD Anderson Cancer Center

### Expertise

Cell biology, Molecular biology, Cancer immunotherapy, Cancer immunology, Cancer metabolism, Drug resistance

### Research Interests

My lab is interesting on mechanism of cancer metabolism. And we also interest to investigate the drug resistance in cancer therapy. In addition, we develop a novel combination to the immunotherapy in cancer. Our goal is to improve the survival of patients in several cancers such as pancreatic cancer, gallbladder cancer and lung cancer.

### Selected Grants:

The CCAAT/enhancer binding protein delta in mitochondria fusion and consequent gemcitabine resistance in gallbladder carcinoma. (MOST 109-2320-B-039 -003 -MY2)

### Selected Publications

1. Wei-Jan Wang\*, Jung-Mao Hsu, Ying-Nai Wang, Heng-Huan Lee, Hirohito Yamaguchi, Hsin-Wei Liao, Mien-Chie Hung. An essential role of PRMT1-mediated EGFR methylation in EGFR activation by ribonuclease 5. *American Journal of Cancer Research*. 2019 Jan 1;9(1):180-185 (IF: 5.177)
2. Wei-Jan Wang, Chien-Feng Li, Yu-Yi Chu, A-Mei Huang, Wen-Chang Chang and Ju-Ming Wang. Inhibition of EGFR/STAT3/CEBPD axis reverses cisplatin sensitivity in bladder cancers. *Clinical Cancer Research*. 2017 Jan 15;23(2):503-513 (IF: 10.107)

### Selected Patents

1. HUANG, CHIEN FU; WU, JAU YANN; CHENG, HUY ZU; WANG, CHIH YU; WANG, JIA JUNG; LIU, LI FENG; UANG, WAN NAN; WANG, SHIH HAN; WANG, WEI JAN. METHOD FOR ISOLATING NUCLEIC ACIDS USING SURFACE-MODIFIED METAL OXIDE BEADS. I376260 2008/04/09, I-Shou University