Department of Life Science

The long-term goals of our researches focus on revealing novel oncogene on physiological and pathophysiological status. Equally important, we hope to explore more potential drug hits, leads, and candidates so as to eventually develop to clinical drugs to treat cancer patients.

Techniques used in study

technology on animal disease model, cell culture, western blot, Immunofluorescent staining, Co-immunoprecipitation, Quantitative reversetranscription PCR, ELISA

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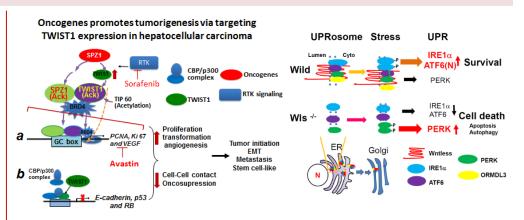
Background:

PhD in Kaohsiung Medical University, Taiwan

Funding:

Ministry of Science and Technology National Taiwan Normal University





Cancer Immunology

Oncology: mechanism in tumorigenesis, metastasis and therapy. Cell biology: Functions of mitochondria, ER, and nuclei. Developmental biology: immunity of DC and macrophage.

Publications

 Li-Ting Wang, Ming-Hong Lin, Kwei-Yan Liu, Shyh-Shin Chiou, Shen-Nien Wang, Chee-Yin Chai, Li-Wen Tseng, Hsin-Ying Clair Chiou, Hsueh-Chun Wang, Kazunari K. Yokoyama, Shih-Hsien Hsu*, Shau-Ku Huang* (2020, Nov).WLS/wntless is essential in controlling dendritic cell homeostasis via a WNT signaling-independent mechanism. Autophagy. (Accepted).
Li-Ting Wang, Kwei-Yan Liu, Wen-Yih Jeng, Cheng-Ming Chiang, Chee-Yin Chai, Shyh-Shin Chiou, Ming-Shyang Huang, Kazunari K. Yokoyama, Shen Nien Wang, Shau-Ku Huang and Shih-Hsien Hsu* (2020, Jan). PCAFmediated acetylation of ISX recruits BRD4 to promote epithelialmesenchymal transition. EMBO REPORTS, 2020 Feb 5;21(2):e48795.

