



長庚大學生物醫學研究所

Chang Gung University, Graduate Institute of Biomedical Sciences

博士學位論文公開演講

Doctoral Oral Defence Seminar

演講者Speaker：馮香菩 博士候選人Ph.D. Candidate

主持人Host：李芳仁 教授

指導教授Advisor：游佳融 教授

題目 Title：轉譯後修飾調節 KPNA2 在肺癌中的核質分佈與致癌作用

Post-Translational Modifications Regulate the
Nucleocytoplasmic Distribution and Oncogenic
Effect of KPNA 2 in Lung Cancer

時間Time：2022年 7月 28日 上午10:00—12:00

地點Place：第一醫學大樓8樓生醫所會議室 (M0856) 同步線上視訊

※※※ 歡迎參加 Welcome ※※※

生物醫學研究所
Graduate Institute of
BioMedical Sciences

CURRICULUM VITAE

Name : 馮香菩 (英文 : Hsiang-Pu Feng)

Education :

2015/09-present Ph. D. student, Graduate Institute of Biomedical Sciences. Chang Gung University, Taiwan

2014/01 M.S., Graduate Institute of Biomedical Sciences, Chang Gung University, Taiwan

2011/06 B.S., Department of Biomedical Sciences, Chung Shan Medical University, Taiwan

Publication :

1. **Feng, H. P.** and Yu, C. J. Post-Translational Modifications Regulate the Nucleocytoplasmic Distribution and Oncogenic Effect of KPNA 2 in Lung Cancer. (2022) Manuscript in preparation.
2. Liao, W. C., Lin, T. J., Liu, Y. C., Wei, Y. S., Chen, G. Y., **Feng, H. P.**, Chang, Y. F., Chang, H. T., Wang, C. L., Chi, H. C., Wang, C. I., Lin, K. H., Ou Yang, W. T., and Yu, C. J. (2022) Nuclear accumulation of KPNA2 impacts radioresistance through positive regulation of the PLSCR1-STAT1 loop in lung adenocarcinoma. *Cancer Sci* 113, 205-220
3. **Feng, H. P.**, Cheng, H. Y., Hsiao, T. F., Lin, T. W., Hsu, J. W., Huang, L. H., and Yu, C. J. (2021) ArfGAP1 acts as a GTPase-activating protein for human ADP-ribosylation factor-like 1 protein. *FASEB J* 35, e21337
4. Hsiao, T. F., Wang, C. L., Wu, Y. C., **Feng, H. P.**, Chiu, Y. C., Lin, H. Y., Liu, K. J., Chang, G. C., Chien, K. Y., Yu, J. S., and Yu, C. J. (2020) Integrative Omics Analysis Reveals Soluble Cadherin-3 as a Survival Predictor and an Early Monitoring Marker of EGFR Tyrosine Kinase Inhibitor Therapy in Lung Cancer. *Clin Cancer Res* 26, 3220-3229
5. Wang, C. I., Wang, C. L., Wu, Y. C., **Feng, H. P.**, Liu, P. J., Chang, Y. S., Yu, J. S., and Yu, C. J. (2015) Quantitative proteomics reveals a novel role of karyopherin alpha 2 in cell migration through the regulation of vimentin-pErk protein complex levels in lung cancer. *J Proteome Res* 14, 1739-1751

6. Chang, W. W., Hu, F. W., Yu, C. C., Wang, H. H., **Feng, H. P.**, Lan, C., Tsai, L. L., and Chang, Y. C. (2013) Quercetin in elimination of tumor initiating stem-like and mesenchymal transformation property in head and neck cancer. Head Neck 35, 413-419
7. Wei, L., Liu, T. T., Wang, H. H., Hong, H. M., Yu, A. L., **Feng, H. P.**, and Chang, W. W. (2011) Hsp27 participates in the maintenance of breast cancer stem cells through regulation of epithelial-mesenchymal transition and nuclear factor-kappaB. Breast Cancer Res 13, R101

Posters:

1. Jun., 2022. Chang Gung University poster competition.
Poster title: Post-Translational Modifications Regulate the Nucleocytoplasmic Distribution and Oncogenic Effect of KPNA2 in Lung Cancer.
2. Mar., 2022. The 36th Joint Annual Conference of Biomedical Science (JACBS).
Poster title: Post Translational Modifications Regulates the Nucleocytoplasmic Distribution and Oncogenic Function of KPNA2 in Non-Small Cell Lung Cancer.
3. Jan., 2022. 2022 The Chinese Society of Cell and Molecular Biology and Taiwan Oncology Society Joint Meeting.
Poster title: ArfGAP1 acts as a GTPase-activating protein for human ADP-ribosylation factor like 1 protein.
4. Jul., 2021. Chang Gung University poster competition.
Poster title: ArfGAP1 acts as a GTPase-activating protein for human ADP-ribosylation factor like 1 protein.
5. Jul., 2020. Chang Gung University poster competition.
Poster title: ArfGAP1 acts as a GTPase-activating protein for human ADP-ribosylation factor like 1 protein.

Awards :

1. 2022 生醫年會生化學會壁報論文 優等獎
2. 109 學年度長庚大學生物醫學研究所學生論文壁報競賽博士班組 優選