

邱依琇

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現職： 高雄醫學大學毒理學碩士學位學程助理教授

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學歷

國立成功大學環境醫學研究所博士 (2009/09至2016/11)

國立高雄海洋科技大學水產食品科學研究所碩士 (2007/09至2009/06)

國立高雄海洋科技大學水產食品科學系學士 (2002/09 至 2006/06)

經歷

深圳灣實驗室醫藥健康技術與工程研究所助理研究員(2020-2021)

清華-伯克利深圳學院-精準醫學與公共健康研究中心助理研究員(2018-2020)

國立台灣大學食品科技研究所博士後研究員(2016-2018)

美國羅格斯大學環境與生物科學學院食品科學系訪問學者(2013)

林口長庚醫院兒童醫院免疫風濕科研究助理 (2006-2007)

獎項及榮譽

1. Third place in the competition, Honorable Mention, Annual Conference of Health Foods, Competition & Exhibition of Undergraduate Projects in Technological & Vocational Education, March 12, 2006; Taichung.
2. Judges' Award, Institute of Food Technologists (IFT), Annual Meeting and Food Expo, July 13-16, 2013, Chicago, McCormick Place South.
3. Fereidoon Shahidi Fellowship Award, Nutraceuticals and Functional Foods (ISNFF), Conference and Exhibition Howard Civil Service International House, November 5-9, 2013, Taipei, Taiwan.
4. Excellent Thesis Award, Proceedings of 10th Zespri® Thesis Award, May 21, 2016, Taipei, Taiwan.
5. Excellent Award, "Jun sheng cup" First post doctor Innovation and entrepreneurship competition, October 17, 2018, Shenzhen, China.

研究成果

1. Cheng F[#], Wang X[#], **Chiou YS**, He C, Guo H, Tan YQ, Basappa B, Zhu T, Pandey V* and Lobie PE*. Trefoil factor 3 promotes pancreatic carcinoma progression via WNT pathway activation mediated by enhanced WNT ligand expression. *Cell Death & Disease*. 2022, 13, 265.
2. Wu M[#], Zhang X[#], Zhang W, **Chiou YS**, Qian W, Liu X, Zhang M, Yan H, Li S, Li T,

- Han X, Qian P, Liu S, Pan Y, Lobie PE*. and Zhu T*. Cancer stem cell regulated phenotypic plasticity protects metastasized cancer cells from ferroptosis. *Nature Communications*. 2022, 13, 1371.
3. Lee PS#, **Chiou YS**#, Chou PY#, Nagabhushanam K, Ho CT, Pan MH*. 3'-Hydroxypterostilbene Inhibits 7,12-Dimethylbenz[a]anthracene (DMBA)/12-O-Tetradecanoylphorbol-13-Acetate (TPA)-Induced Mouse Skin Carcinogenesis. *Phytomedicine*. 2021, 81:153432.
4. Hung WL#, Hsiao YT#, **Chiou YS**#, Nagabhushanam K, Ho CT and Pan MH*. Hepatoprotective effect of piceatannol against carbon tetrachloride-induced liver fibrosis in mice. *Food & Function*, 2021. 12, 11229-11240.
5. Lee PS, **Chiou YS**, N Kalyanam, Ho CT, Pan MH*. 3'-Hydroxypterostilbene Potently Alleviates Obesity Exacerbated Colitis in Mice. *Journal of Agricultural and Food Chemistry*. 2020, 13, 68(19):5365-5374.
6. **Chiou YS**, Li S, Ho CT, Pan MH*. Prevention of Breast Cancer by Natural Phytochemicals: Focusing on Molecular Targets and Combinational Strategy. *Molecular Nutrition and Food Research*. 2018, 1800392.
7. **Chiou YS**, Zheng YN, Tsai ML, Lai CS, Ho CT, Pan MH*. 5-Demethylnobiletin more potently inhibits colon cancer cell growth than nobiletin *in vitro* and *in vivo*. *Journal of Food Bioactives*. 2018, 2:91–97.
8. **Chiou YS**, Lee PS, Pan MH*. Food bioactives and their effects on obesity-accelerated inflammatory bowel disease. *Journal of Agricultural and Food Chemistry*. 2018, 66 (4):773–779. 9. **Chiou YS**, John JA, Ho CT, Pan MH*, Shahidi F. Evaluation of chemopreventive effects in colitis-associated colon tumourigenesis and oral toxicity of the lipophilic epigallocatechin gallate-docosahexaenoic acid. *Journal of Functional Foods*. 2016. 24:48-56.
10. **Chiou YS**, Huang Q, Ho CT, Wang YJ, Pan MH*. Directly interact with Keap1 and LPS is involved in the anti-inflammatory mechanisms of (-)-epicatechin-3-gallate in LPS-induced macrophages and endotoxemia. *Free Radical Biology and Medicine*. 2016. 94:1-16.
12. **Chiou YS**, Wu JC, Huang Q, Shahidi F, Wang Y J, Ho CT, Pan MH*. Metabolic and colonic microbiota transformation may enhance the bioactivities of dietary polyphenols. *Journal of Functional Foods*. 2014. 7:3-25.
13. **Chiou YS**, Sang S, Cheng KH, Ho CT, Wang YJ*, Pan MH*. Peracetylated (-)-epigallocatechin-3-gallate (AcEGCG) potently prevents skin carcinogenesis by suppressing the PKD1-dependent signaling pathway in CD34⁺ skin stem cells and skin tumors. *Carcinogenesis*. 2013. 34(6):1315-1322.
14. **Chiou YS**, Ma NL, Sang S, Li S, Wang YJ, Ho CT and Pan MH*. Peracetylated epigallocatechin-3-gallate effectively prevents Human breast cancer cell Metastasis by targeting the matrix metalloproteinases activity and fatty acid synthase expression. *Nutrition, Functional and Sensory Properties of Foods*. 2013. (Book)