



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：蕭淞瀚博士候選人Ph.D. candidate

主持人Host：許勝傑 助理教授

指導教授Advisor：吳宗圃 副教授

題 目 Title：結合高通量藥物篩選以及藥物重新定位
的策略去尋找可調節 ABCB1 或是
ABCG2 造成之多重抗藥性現象的藥物
Developing an in vitro high-throughput
drug screening and drug repositioning
approach to identify modulators of
multidrug resistance-linked ATP-binding
cassette proteins ABCB1 and ABCG2

時 間Time：2020年7月27日 14:00-17:00

地 點Place：第一醫學大樓8樓生醫所辦公室會議室

※※※ 歡迎參加 Welcome ※※※

生物醫學研究所

Graduate Institute of
BioMedical Sciences

CURRICULUM VITAE

Name : 蕭淞瀚 (英文 : Sung-Han Hsiao)

Education :

現 長庚大學生物醫學研究所生理暨藥理學組 博士班

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Publication :

1. S-H Hsiao, S Lusvardi, Y-H Huang, S. V. Ambudkar, S-C Hsu, and C-P Wu*.
The FLT3 inhibitor midostaurin selectively resensitizes ABCB1-overexpressing multidrug-resistant cancer cells to conventional chemotherapeutic agents.
Cancer Letters (2019) Mar; 445: 34-44. (IF = 7.360; Journal Rank in Oncology = 30/244)
2. S-H Hsiao, M Murakami, N Yeh, Y-Q Li, T-H Hung, Y-S Wu g, S. V. Ambudkar and C-P Wu*. The positive inotropic agent DPI-201106 selectively reverses ABCB1-mediated multidrug resistance in cancer cell lines. Cancer Letters (2018) Oct; 434: 81-90. (IF = 7.360; Journal Rank in Oncology = 30/244)
3. SH Hsiao, YJ Lu, CC Yang, WC Tuo, YQ Li, YH Huang, CH Hsieh, TH Hung, C-P Wu*. Hernandezine, a bisbenzylisoquinoline alkaloid with selective inhibitory activity against multidrug resistance-linked ATP-binding cassette drug transporter ABCB1. Journal of Natural Products (2016) Aug. 79(8): 2135-42 (IF = 3.779; Journal Rank in PLANT SCIENCES = 32/234)

4. SH Hsiao, YJ Lu, YQ Li, YH Huang, CH Hsieh, C-P Wu*. Osimertinib (AZD9291) attenuates the function of multidrug resistance-linked ATP-binding cassette transporter ABCB1 in vitro. Molecular Pharmaceutics (2016) June. 13(6):2117-25.
(IF = 4.321; Journal Rank in PHARMACOLOGY & PHARMACY = 48/270)

Posters:

1. Gordon Research Conferences (GRC)
Title: α -Mangostin reverses cancer multidrug resistance by attenuating the function of ABCG2
2. American Association for Cancer Research (AACR)
Title: Human ATP-binding cassette proteins ABCB1 and ABCG2 confer resistance to histone deacetylase 6 inhibitor ricolinostat (ACY-1215) in cancer cell lines

Oral presentation :

Awards :