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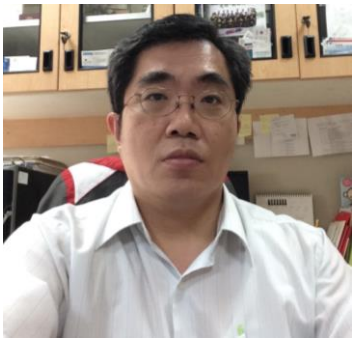

最近研究之主題：

1. **新藥研發；如絲胺酸蛋白酶抑制劑、抗病毒與抗癌相關藥物。**
2. **天然物及其相關類似物之合成與活性評估。**
3. **中草藥之化學與活性成分研究。**

論文著作 （2013-迄今）：

*, corresponding author

55. I-Ta Lee, Chih-Chung Lin, Chi-Yin Lee, **Pei-Wen Hsieh**, Chuen-Mao Yang. Protective effects of (−)-epigallocatechin-3-gallate against TNF-α-induced lung inflammation via ROS-dependent ICAM-1 inhibition. *J. Nutr. Biochem*. **2013**, 24:124-136. (SCI) (***I.F.: 4.518; R/C=11/81 in*** **NUTRITION & DIETETICS)**
56. Jia-You Fang, Yi-Ting Liu, Yaw-Bin Huang, Tai-Long Pan, Han-Hsiang Wang, **Pei-Wen Hsieh***. Pharmacokinetics, biodistribution, and toxicology following Intravenous and oral administration of DSM-RX78 and EFB-1, two new 2-(2-fluorobenzamido)benzoate-based

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57. Jing-Ru Liou, Mohamed El-Shazly, Ying-Chi Du, Chao-Neng Tseng, Tsong-Long Hwang, Yueh-Lin Chuang, Yu-Ming Hsu, **Pei-Wen Hsieh**, Chin-Chung Wu, Shu-Li Chen, Ming-Feng Hou, Fang-Rong Chang, Yang-Chang Wu. 1,5-Diphenylpent-3-en-1-ynes and methyl naphthalene carboxylates from *Lawsonia inermis* and their anti-inflammatory activity. *Phytochemistry* **2013**, 88: 67-73. (SCI) (***I.F.: 3.205; 34/211 in*** **PLANT SCIENCES*)***
58. Tsong-Long Hwang, Chih-Hao Hung, Ching-Yun Hsu, Yin-Ting Huang, Yu-Chi Tsai, **Pei-Wen Hsieh***. Design and synthesis of tryptophan containing dipeptide derivatives as formyl peptide receptors 1 antagonist. *Org. Biomol. Chem.* **2013**, 11: 3742-3755. (SCI) (***I.F.: 3.564; R/C=14/59 in*** **CHEMISTRY, ORGANIC)**
59. **Pei-Wen Hsieh**, Jin-Bin Wu, Yang-Chang Wu. Chemistry and biology of *Phellinus linteus*. *BioMedicine* **2013**, 3:106-113.
60. **Pei-Wen Hsieh**, Wei-Yu Chen, Ibrahim A. Aljuffali, Chun-Che Chen and Jia-You Fang. Co-drug strategy for promoting skin targeting and minimizing transdermal diffusion of hydroquinone and tranexamic acid. *Curr. Med. Chem*. **2013**, 20:4080-4092. (SCI) (***I.F.: 3.254; R/C=16/60 in*** **CHEMISTRY, MEDICINAL)**
61. Li-Mei Wei, Yang Chang Wu, Chin-Chau Chen, **Pei-Wen Hsieh**, Wen-Bin Pan. Tupichinin B-D, three new spirostanol saponins from *Tupisra chinensis* rhizomes. *Nat. Prod. Res*. **2014**, 28:74-80. (SCI) (***I.F.: 1.828; 29/71 in*** **CHEMISTRY, APPLIED)**
62. Kuo-Sheng Liu, **Pei-Wen Hsieh**, Saleh A. Al-Suwayeh, Shu-Hao Chang, Jhi-Joung Wang, Jia-You Fang. Impact of ester promoieties on transdermal delivery of ketorolac. *J. Pharm. Sci*. **2014**, 103:974-986. (SCI) (***I.F.: R/C=2.713; 113/256 in*** **PHARMACOLOGY & PHARMACY)**
63. **Pei-Wen Hsieh**, Chih-Jen Wen, Huang-Pin Yu, Ibrahim A. Aljuffali, Ya-Huei Huang, Jia-You Fang. Nanostructured lipid carriers containing a high percentage of a pluronic copolymer increase the biodistribution of novel PDE4 inhibitors for the treatment of traumatic hemorrhage. *J. Biomed. Nanotechnol.* **2014**, 10:1520-1535. (SCI) (***I.F.: 4.521; R/C=7/33 in*** **MATERIALS SCIENCE, BIOMATERIALS)**
64. **Pei-Wen Hsieh**, Ibrahim A. Aljuffali, Chia-Lang Fang, Shu-Hao Chang, Jia-You Fang. Hydroquinone-salicylic acid conjugates as novel anti-melasma actives show superior skin targeting compared to the parent drugs. *J. Dermatol. Sci.* **2014**, 76:120-131. (SCI) (***I.F.: 3.733; R/C=7/63 in*** **DERMATOLOGY)**
65. Tsong-Long Hwang, Wen-Hui Wang, Ting-Yi Wang, Huang-Ping Yu, **Pei-Wen Hsieh***.

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77. Chun-Hao Tsai, Amos C. Hung, Yuan-Yin Chen, Ya-Wen Chiu, **Pei-Wen Hsieh**, Yi-Chen Lee, Yu-Han Su, Po-Chih Chang, Stephen Chu-Sung Hu, Shyng-Shiou F. Yuan*. 3'-Hydroxy-4'-methoxy-β-methyl-β-nitrostyrene inhibits tumor-igenesis in colorectal cancer cells through ROS-mediated DNA damage and mitochondrial dysfunction. *Oncotarget* **2017**, 8:18106-18117. (SCI) (***I.F.: 5.168; R/C=44/217 in* ONCOLOGY)**
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84. Yao-Wen Chang, Ching-Ping Tseng, Chih-Hsun Lee, Tsong-Long Hwang, Mei-Tzu Su, Fen-Hua Lu, Kowit-Yu Chong, Ying-Wei Lan, Yu-Li Chen, Hsiang-Ruei Liao, Chin-Chung Wu, Chuen Hsueh, **Pei-Wen Hsieh***. β-Nitrostyrene derivatives attenuate LPS-mediated acute lung injury via the inhibition of neutrophil-platelet interactions and NET release. *Am. J. Physiol.-Lung C.* **2017**, revised. (SCI) (***I.F.: 4.281; R/C=12/84 in*** **PHYSIOLOGY)**
85. Bidyadhar Sethy, Chung-Fan Hsieh, Yeh Chieh, Jim-Tong Horng, **Pei-Wen Hsieh***. Design, synthesis and structure-activity relationships of a new class of anti-human enterovirus D68 and A71 agents. *Future Med. Chem.* **2017**, submitted (SCI) (***I.F.: 3.556; R/C=11/60 in*** **CHEMISTRY, MEDICINAL)**

專利:

1. Tsong-Long Hwang, **Pei-Wen Hsieh**, Huang-Ping Yu。苯并雜氧嗪酮衍生物，其製備方法以及包含有此等衍生物的藥學組成物。中華民國專利 I419884 號。
2. Ching-Ping Tseng，**Pei-Wen Hsieh**，Yao-Wen Chang，一種含有 5-nitrobenzoate 之衍生物，透過抑制腫瘤細胞誘發血小板凝集反應作為癌症轉移治療方式。中華民國專利 I444358 號。
3. **Pei-Wen Hsieh**, Tsong-Long Hwang, Wen-Hui Wang, Ting-Yi Wang, Oxime-based compound, pharmaceutical composition containing the same and method for preparing the same. US 9,073,833.
4. **Pei-Wen Hsieh**，Tsong-Long Hwang，Wen-Hui Wang，Ting-Yi Wang，2-胺基苯甲醛肟衍生物及其製備方法與用途。中華民國專利 I508938 號。
5. **Pei-Wen Hsieh**, Tsong-Long Hwang, Wen-Hui Wang, Ting-Yi Wang, Oxime-based compound, pharmaceutical composition containing the same and method for preparing the same. JP 5890512。
6. **Pei-Wen Hsieh**，Tsong-Long Hwang，Wen-Hui Wang，Ting-Yi Wang，2-胺基苯甲醛肟衍生物及其製備方法與用途。中華人民共和國專利 CN104803894 號。
7. Tsong-Long Hwang，**Pei-Wen Hsieh**，Yin-Ting Huang，Chih-Hao Hung，FPR1 拮抗劑的衍生物及其用途。中華民國專利 I537251 號。
8. Tsong-Long Hwang, **Pei-Wen Hsieh**, Yin-Ting Huang, Chih-Hao Hung. FPR1 antagonist derivatives and use thereof. US 9,593,114.
9. 葉宏一、鍾鏡湖、王士維、謝珮文，橙黃醯胺雙肽衍生物用於治療或預防血管新生相關疾病。中華民國專利申請號 104143726 號（領證中）。
10. Ching-Ping Tseng, **Pei-Wen Hsieh**, Yao-Wen Chang. Composition of 5-nitrobenzoate derivatives as anti-metastatic agent that inhibits tumor cell-induced platelet aggregation. US 9,604,910.
11. Ching-Ping Tseng, **Pei-Wen Hsieh**, Yao-Wen Chang. A compostion of 5-nitrobenzoate derivatives as anti-metastatic agent that inhibits tumor cell-induced platelet aggregation. US 20170172949.
12. **Pei-Wen Hsieh**, Ching-Ping Tseng, Yun-Zhan Tsai, Yu-Ling Hung, Yao-Wen Chang. Compounds, compositions and methods for treating tumors. US 20170183294.
13. 葉宏一、鍾鏡湖、王士維、**Pei-Wen Hsieh**. Aurantiamide dipeptide derivatives for treatment or prevention of angiogenesis-related diseases. USA application no. 14/981178.

指導研究生論文:

姓名	學位	論 文 題 目
陳俞利	博士	Identification of Serine Protease Inhibitors from Traditional Chinese Medicines
張育婷	碩士	Synthesis and Evaluation of β-Nitrostyrene Derivatives as Anti-platelet Aggregation Agents
王翰翔	碩士	The Structure-Activity Relationships Study of Anti-inflammatory Anthranilate Derivatives
林煥庭	碩士	The Total Synthesis of Arenamide B
洪志豪	碩士	The Synthesis and Bioactive Evaluation of Dipeptide Derivatives on Superoxide Anion and Elastase Release in Human Neutrophils
劉怡婷	碩士	The Pharmacokinetics of Anti-inflammatory Anthranilic Acid Derivatives in Rats
王維婕	碩士	The Studies on the Chemical and Bioactive Constituents of Endophytic *Bacillus licheniformis* from *Orthosiphon spiralis*
王雯慧	碩士	The Structure-Activity Relationships Study of Anthranilate Analogs as Neutrophil Elastase Inhibitors
胡穎寬	碩士	Studies on the Chemical and Bioactive Constituents of New Endophytic *Rhodotorula taiwanensis* sp. nov. from *Artemisia argyi*
盧芬華	碩士	The Synthesis and Bioactive Evaluation of 4-*O*-Benzoyl-3-Methoxy-β-Nitrostyrene Analogs
陳功儒	碩士	Study of the Structural Optimization and Pharmacokinetics of Anthranilate-Base Anti-inflammatory Agents
王婷儀	碩士	Exploring Serine Protease Inhibitors
黃馨瑩	碩士	Studies on the Chemical and Bioactive Constituents of *Stellaria aquatica* (L.) Scop.
黃韋伶	碩士	Studies on the Chemical and Bioactive Constituents of Endophytic

		Penicillium paxilli from *Prunella vulgaris* Linn.
蔡昀真	碩士	Synthesis and Evaluation of 5-Nitrobenzamide Derivatives as Anti-tumor Cells-Induced Platelet Aggregation Agents
林瑩珊	碩士	Bioreduction of Aromatic Ketones by New Endophytic *Rhodotorula taiwanensis* sp. nov
李治勳	碩士	The *in vivo* Evaluations of Anti-inflammatroy β-Nitrostyrene Derivatives
陳政懋	碩士	Synthesis and Bioactive Evaluation on Tryptophan Containing Dipeptide Derivatives as Formyl Peptide Receptor 1 Antagonist
潘昶佑	碩士	Establishment of Bioactive Evaluation System for Metal Ion Chelating Agents Using Isothermal Titration Calorimetry
林靖倚	碩士	Design and Synthesis of Sirtinol Analogs that Modulate Multiple Facets of Alzheimer's Disease

International Exchange Students

Name	Nationality	Exchange Period
Magdalena Al-Ameri	Poland	2017.08.01-2017.08.27