

- **Name / Position**

Tseng, Chih-Hua Assistant Professor

- **Office Address :**

School of Pharmacy

College of Pharmacy

Kaohsiung Medical University

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- **Teaching Courses**

Pharmaceutical Technology

Medicinal chemistry and Clinical application

Cosmetic and Synthesis Chemistry

Special Topics on Advance Cosmetic and Synthesis Chemistry

Drug Synthesis and Design

Free Radical Biology

- **The Highest Education Degree**

Ph.D. in Graduate Institute of Pharmaceutical Sciences, Kaohsiung Medical University

- **Personal Experiences**

Pharmacist, Chest Hospital Department of Health Executive Yuan, Tainan

Adjunct Lecturer, Department of Cosmetic Applications & Management, Tung Fang Institute of Technology

Post doctoral research fellow, Kaohsiung Medical University

- **Research Area**

1. Synthesis and characterization of medicinally active heterocyclic compounds.

2. Development of new synthetic methodologies for the synthesis of natural product.

3. Pharmacological studies of newly synthesized heterocyclic compounds.

- **Recent Publications**

- 1 **Tseng, C. H.;** Tzeng, C. C.; Yang, C. L.; Lu, P. J.; Liu, Y. P.; Chen, H. L.; Chen, C. Y.; Yang, C. N.*; Chen Y. L.* Discovery of indeno[1,2-*c*]quinoline derivatives as dual topoisomerases I/II inhibitors. Part 3. *Mol. Divers.* **2013**, Nov; 17, 781–799. (SCI, IF₂₀₁₂ = 2.861, 13/71 = 18.3%)
- 2 **Tseng, C. H.;** Cheng, C. M.; Tzeng, C. C.; Peng, S. I.; Yang, C. L.; Chen, Y. L.* Synthesis and anti-inflammatory evaluations of β -lapachone derivatives. *Bioorg. Med. Chem.* **2013**, Jan; 21, 523-531. (SCI, IF₂₀₁₂ = 2.903, 15/55 = 27.3%)
- 3 **Tseng, C. H.;** Chen, Y. L.; Hsu, C. Y.; Chen, T. C.; Cheng, C. M.; Tso, H. C.; Lu, Y. J.; Tzeng, C. C.* Synthesis and antiproliferative evaluation of 3-phenylquinolinylchalcone



derivatives against non-small cell lung cancers and breast cancers. *Eur. J. Med. Chem.* **2013**, Jan; *59*, 274-282. (SCI, IF₂₀₁₂ = 3.499, 13/59 = 22.03%)

- 4 **Tseng, C. H.**; Li, C. Y.; Chiu, C. C.; Hu, H. T.; Han, C. H.; Chen, Y. L.*; Tzeng, C. C.* Combretastatin A-4 derivatives: synthesis and evaluation of 2,4,5-triaryl-1H-imidazoles as potential agents against H1299 (non-small cell lung cancer cell). *Mol. Divers.* **2012**, Nov; *16*, 697-709. (SCI, IF₂₀₁₁ = 3.153, 9/71 = 12.7%)
- 5 **Tseng, C. H.**; Chen, Y. L.; Yang, C. L.; Cheng, C. M.; Han, C. H.; Tzeng, C. C.* Synthesis of 6-substituted 9-methoxy-11H-indeno[1,2-c]quinoline-11-one derivatives as potential anticancer agents. *Bioorg. Med. Chem.* **2012**, Jul 15; *20*, 4397-4404. (SCI, IF₂₀₁₁ = 2.921, 17/56 = 30.4%)
- 6 **Tseng, C. H.**; Tzeng C. C.; Shih, P. K.; Yang, C. N.; Chuang, Y. C.; Peng, S. I.; Lin, C. S.; Wang, J. P.; Cheng, C. M.*; Chen, Y. L.* Identification of furo[3',2':3,4]naphtho[1,2-d]imidazole derivatives as orally active and selective inhibitors of microsomal prostaglandin E₂ synthase-1 (mPGES-1). *Mol. Divers.* **2012**, May; *16*, 215-229. (SCI, IF₂₀₁₁ = 3.153, 9/71 = 12.7%)
- 7 **Tseng, C. H.**; Tzeng C. C.; Chung, K. U.; Kao, C. L.; Hsu C. Y.; Cheng, C. M.; Huang, K. S.; Chen, Y. L.* Synthesis and antiproliferative evaluation of 6-aryl-11-iminoindeno[1,2-c]quinoline derivatives. *Bioorg. Med. Chem.* **2011**, Dec 15; *19*, 7653-7663. (SCI; IF₂₀₁₀ = 2.978; Ranking= 15/54 = 27.8%)
- 8 **Tseng, C. H.**; Lin, R. W.; Chen, Y. L.; Wang, G. J.; Ho, M. L.; Tzeng C. C.* Discovery of indeno[1,2-c]quinoline derivatives as inhibitors of osteoclastogenesis induced by receptor activator of NF- κ B Ligand (RANKL). *J. Med. Chem.* **2011**, Apr 28; *54*, 3103-3107. (SCI, IF₂₀₁₀ = 5.207, 3/54 = 5.56%)
- 9 **Tseng, C. H.**; Chen, Y. L.; Chung, K. U.; Wang, C. H.; Peng, S. I.; Cheng, C. M.; Tzeng C. C.* Synthesis and antiproliferative evaluation of 2,3-diarylquinoline derivatives. *Org. Biomol. Chem.* **2011**, May 7; *9*, 3205-3216. (SCI; IF₂₀₁₀ = 3.451; Ranking= 12/56 = 21.4%)
- 10 **Tseng, C. H.**; Tzeng, C. C.; Yang, C. L.; Lu, P. J.; Chen, H. L.; Li, H. Y.; Chuang, Y. C.; Yang, C. N.*; Chen Y. L.* Synthesis and antiproliferative evaluation of certain indeno[1,2-c]quinoline derivatives. Part 2. *J. Med. Chem.* **2010**, Aug 26; *53*, 6164-6179. (SCI; IF₂₀₀₉ = 4.802; Ranking= 3/46 = 6.5%)