

- **Name / Position**

Kou, Hwang-Shang / Assistant Professor

- **Office Address :**

School of Pharmacy,  
Kaohsiung Medical University,  
100, Shih-Chuan 1<sup>st</sup> Rd. Kaohsiung, Taiwan, 807

- **E-mail :** kouhs@kmu.edu.tw

- **Tel :** 886-7-3121101 ext. 2223

- **Fax :** 886-7-3210683



- **Teaching Courses**

Pharmaceutical analysis, Pharmaceutical analysis laboratory, Special topics in pharmaceutical analysis, Toxicology

- **The Highest Education Degree**

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

- **Personal Experiences**

- **Association**

- **Honors**

- **Award**

- **Research Area**

1. Pharmaceutical and toxicant analysis
2. Chromatographic analysis (GC & HPLC)

- **Recent Publications**

1. T. C. Chung, C. T. Li, **H. S. Kou\*** and H. L. Wu, 2015, High-Performance Liquid Chromatographic Analysis of Sarcosine as a Fluorescent Levofloxacin Derivative, *Journal of Chromatographic Science*, 53(8), 1310-1315.
2. C. H. Lin, C. Y. Wu, **H. S. Kou**, C. Y. Chen, M. C. Huang, D. C. Wu, M. T. Wu, F. C. Kuo\*, 2013, Effect of di(2-ethylhexyl)phthalate on helicobacter pylori-induced apoptosis in AGS cells, *Gastroenterology Research and Practice*, 2013(2013), 924769.
3. Y. Y. Chao, C. T. Lee, Y. T. Wei, **H. S. Kou**, Y. L. Huang\*, 2011, Using an On-line Microdialysis/HPLC System for the Simultaneous Determination of Melamine and Cyanuric Acid in Non-dairy Creamer. *Analytica Chimica Acta*, 702, 56-61.
4. Y. Y. Chao, Y. T. Wei, C. T. Lee, **H. S. Kou**, Y. L. Huang\*, 2011, Membrane Sampling

with Microdialysis Coupled to HPLC/UV for On-line Simultaneous Determination of Melamine and Cyanuric Acid in Non-dairy Coffee Creamer. *Analytical Sciences*, 27, 1025-1030.

5. T. C. Chung, W. P. Su, **H. S. Kou**, Y. T. Lin, M. Y. Hung, H. L. Wu\*, 2010, A Non-fluorescent Derivative form Derivatizing trans, trans-Muconic Acid with 2-(2-Naphthoxy)ethyl 2-(piperidino)ethanesulfonate, *Journal of Fluorescence*, 20, 421-424.
6. P. Y. Huang, Y. T. Lin, **H. S. Kou**, H. L. Wu\*, 2010, High-Performance Liquid Chromatographic Analysis of Perhexiline as a Fluorescent Derivative. *Journal of the Chinese Chemical Society*, 57(2), 252-255.
7. C. Y. Lu, **H. S. Kou**, C. H. Feng, H. M. Chen, **H. L. Wu\***, 2009, A Highly Sensitive Method for the Analysis of Long-chain Free Fatty Acids in Yogurt by High Performance Liquid Chromatography with Fluorimetric Detection, *Taiwan Pharmaceutical Journal*, 61, 65-72.
8. C. J. Lee, Y. J. Ou, S. H. Chen and **H. S. Kou\***, 2008, A Case Report of Quetiapine Induced Neuroleptic Malignant Syndrome, *Formosa Journal of Clinical Pharmacy*, 16(2), 47-56.
9. Y. T. Lin, **H. S. Kou**, and H. L. Wu\*, 2008, A Simple Micellar Electrokinetic Capillary Chromatographic Method for the Quantitative Analysis of Organic Expectorants, *Electrophoresis*, 29, 3524-3530.
10. T. C. Chung, **H. S. Kou**, M. C. Chao, Y. J. Ou, and H. L. Wu\*, 2008, A Simple and Sensitive Liquid Chromatographic Method for the Analysis of Free Docosanoic, Tetracosanoic and Hexacosanoic Acids in Human Plasma as Fluorescent Derivatives, *Analytica Chimica Acta*, 611, 113-118.