

- **Name / Position**

Kou, Hwang-Shang Assistant Professor

- **Office Address :**

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- **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

- **Research Area**

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

- **Recent Publications**

- 1 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.
- 2 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.
- 3 P. Y. Huang, Y. T. Lin, **H. S. Kou**, H. L. Wu*, High-Performance Liquid Chromatographic Analysis of Perhexiline as a Fluorescent Derivative. *Journal of the Chinese Chemical Society*, 2010, 57(2), 252-255.
- 4 T. C. Chung, W. P. Su, **H. S. Kou**, Y. T. Lin, M. Y. Hung, H. L. Wu*, A Non-fluorescent Derivative from Derivatizing trans, trans-Muconic Acid with 2-(2-Naphthoxy)ethyl-2-(piperidino)ethanesulfonate. *Journal of Fluorescence*, 2010, 20, 421-424.
- 5 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 Pharm. J.*, 61, 65-72.
- 6 C. J. Lee, Y. J. Ou, S. H. Chen and **H. S. Kou***, 2008, A Case Report of Quetiapine Induced

Neuroleptic Malignant Syndrome, *Formosa J. Clin. Pharm.*, 16(2), 47-56.

- 7 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.
- 8 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, *Anal. Chim. Acta*, 611, 113-118.