



College of Pharmacy,
Kaohsiung Medical University



Chen, Su-Hwei Professor
Department of Analytical Science

● Teaching Course

1. Orientation of Pharmacology
2. Pharmaceutical Analysis
3. Searching for Pharmacy Literature
4. Clinical Pharmacy and Pharmacotherapeutics
5. Special Topics in Instrumental Analysis
6. Special Topics in Biological Separation
7. Special Topics in Separation Techniques
8. Pharmacotherapy

● The Highest Education Degree

Ph.D in Graduate Institute of Medicine, Kaohsiung Medical University

● Personal Experiences

Cha-nan University, Tainan	Instructor
Kaohsiung Medical University	Instructor
Kaohsiung Medical University	Associate Professor
Kaohsiung Medical University	Professor
Department of Pharmacy Kaohsiung Medical University Chung-Ho Memorial Hospital	Director

● Current Events

Kaohsiung Medical University	Professor
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● Research Area

Analytical Chemistry

Clinical Pharmacy

Chromatographic Separation

Capillary Electrophoresis

● Publications (2005~2009) (all corresponding author)

- 1 Ya-Hui Hsieh, Yuan-Han Yang, Hsin-Hua Yeh, Ping-Chih Lin, **Su-Hwei Chen*** , 2009, Simultaneous determination of galantamine, rivastigmine and NAP 226-90 in plasma by micellar electrokinetic chromatography and its application in Alzheimer's disease. Electrophoresis 2009, 30, 644-653. SCI (I.F. 3.609) (rank 6/70). (SCI) NSC 96-2113-M-037-010-MY3
- 2 Shao-Yun Wei, Hsin-Hua Yeh, Fen-Fen Liao, **Su-Hwei Chen***, 2009, CE with direct sample injection for the determination of metformin in plasma for type 2 diabetic mellitus: An adequate alternative to HPLC. J. Sep. Sci 2009, 32, 413-427. SCI (I.F. 2.632) (rank 20/70). (SCI) NSC 96-2113-M-037-010-MY3
- 3 Tai-Li Tsou, Chiu-Wey Lee, Hsian-Jenn Wang, Ya-Chung Cheng, Yu-Tien Liu, **Su-Hwei Chen*** , 2009, Development of a New HPLC Method for the Simultaneous Determination of Ticarcillin and Clavulanic Acid in Pharmaceutical Formulations, JAOAC, 2009,92(4), 1089-1094.(SCI, rank=39/70, I.F. = 1.549).
- 4 Ju-Yun Ko, Cheng-Ying Chang, Yuan-Han Yang, **Su-Hwei Chen***, 2009, Rapid Determination of Ciprofloxacin in Cerebrospinal Fluid by Micellar Electrokinetic Chromatography with Direct Sample Injection and its Application in Tuberculosis Meningitis. J. Liq. Chrom & Rel. Techno. 2009, 32(03), 418-431. (SCI) (I.F. 0.977)(rank 49/70) NSC 96-2113-M-037-010-MY3
- 5 Hsin-Hua Yeh, Yuan-Han Yang, Ju-Yun Ko, **Su-Hwei Chen*** , 2008, Sensitive analysis of donepezil in plasma by capillary electrophoresis combining on-column field-amplified sample stacking and its application in Alzheimer's disease Electrophoresis 2008, 29, 3649-3657. (SCI) (I.F. 3. 609)(rank 6/70) NSC 96-2113-M-037-010-MY3
- 6 Yu-Wei Chou, Wei-Shan Huang, Chen-Chun Ko, **Su-Hwei Chen***, 2008, Enantioseparation of cetirizine using sulfated- β -cyclodextrin-mediated capillary electrophoresis J. Sep. Sci 2008, 31, 845-852. (SCI) (I.F. 2.632)(rank 20/70). (SCI) NSC 96-2113-M-037-010-MY3
- 7 Yu-Wei Chou, Yuan-Han Yang, Jin-Hon Chen, Chen-Chun Kuo, **Su-Hwei Chen***, 2007, Quantification of meropenem in plasma and cerebrospinal fluid by micellar electrokinetic capillary chromatography and application in bacterial meningitis patients J. Chromatogr. B 2007, 856, 294-301. (SCI)(I.F.2.935)(rank 15/70) NSC 95-2113-M-037-001
- 8 Yuan-Han Yang, Wen-Yi Wu, Hsin-Hua Yeh, **Su-Hwei Chen***, 2007, Simultaneous determination

of cefepime and vancomycin in plasma and cerebrospinal fluid by micellar electrokinetic chromatography with direct sample injection and application for bacterial meningitis, Electrophoresis 2007, 28, 1788-1797. (SCI) (I.F. 3.609)(rank 6/70) NSC 95-2113-M-037-001

- 9 Tai-Li Tsou, Yu-Chuan Huang, Chiu-Wey Lee, An-Rong Lee, Hsian-Jenn Wang, **Su-Hwei Chen***, 2007, Simultaneous determination of ampicillin, cefoperazone, and sulbactam in pharmaceutical formulations by HPLC with β -cyclodextrin stationary J. Sep. Sci. 2007, 30, 2407-2413. (SCI) (I.F. 2.632)(rank 20/70).
- 10 Hsin-Hua Yeh, Yuan-Han Yang, **Su-Hwei Chen***, 2006, Rapid determination of acyclovir in plasma and cerebrospinal fluid by micellar electrokinetic chromatography with direct sample injection and its clinical application Electrophoresis 2006, 27 (4) 819-826. (SCI) (I.F. 3.609)(rank 6/70) NSC 94-2113-M-037-002
- 11 Hsin-Hua Yeh, Yuan-Han Yang, Ju-Yun Ko, **Su-Hwei Chen***, 2006, Rapid determination of piracetam in human plasma and cerebrospinal fluid by micellar electrokinetic chromatography with sample direct injection, J. Chromatogra. A, 2006, 1120, 27-34. (SCI) (I.F. 3.641)(rank 5/70) NSC 94-2113-M-037-002
- 12 Ya-Hui Hsieh, Shun-Jin Lin, **Su-Hwei Chen*** 2006, Simultaneous determination of celecoxib, meloxicam, and rofecoxib using capillary electrophoresis with surfactant and application in drug formulations, J. Sep. Sci. 2006, 29 (7), 1009-1017. (SCI) (I.F. 2.632)(rank 20/70). NSC 94-2113-M-037-002
- 13 **Su-Hwei Chen***, Yi-Chian Liang, Yu-Wei Chou, 2006, Trace analysis of kanamycin A in human plasma and oral dosage form by derivatization and high-performance liquid chromatography. J. Sep. Sci. 2006, 29, 607-612. (SCI) (I.F. 2.632)(rank 20/70) NSC 90-2113-M-037-006
- 14 Shun-Jin Lin, Yi-Ru Chen, Yu-Hui Su, Hsing-I Tseng, **Su-Hwei Chen*** 2006, Determination of indomethacin in plasma by micellar electrokinetic chromatography with UV detection for premature infants with patent ducts arteriosus. J. Chromatogr. B 2006, 830, 306-313. (SCI) (I.F. 2.935)(rank 15/70) NSC 93-2113-M-037-019
- 15 Hsin-Hua Yeh, Yuan-Han Yang, Ju-Yun Ko, **Su-Hwei Chen***, 2005, Rapid and selective micellar electrokinetic chromatography for simultaneous determination of amikacin, kanamycin A and tobramycin with UV detection and application in drug formulations, Electrophoresis 2005, 26, 947-953. (SCI) (I.F. 3.609)(rank 6/70) NSC 91-2745-P-037-001
- 16 Hsin-Hua Yeh, Yuan-Han Yang, Yu-Wei Chou, Ju-Yun Ko, Chia-An Chou, **Su-Hwei Chen***, 2005, Determination of ceftazidime in plasma and cerebrospinal fluid by micellar electrokinetic chromatography with direct sample injection, Electrophoresis 2005, 26, 927-934. (SCI) (I.F. 3.609)(rank 6/70) NSC 93-2113-M-037-019
- 17 Yu-Wei Chou, Wei-Shan Huang, Cheng-Chung Chen, Shun-Jin Lin, Hsin-Lung Wu, **Su-Hwei Chen***, 2005, Trace analysis of zotepine and its active metabolite in plasma by capillary electrophoresis with solid phase extraction and head-column field-amplified sample stacking, J. Chromatogr. A 2005, 1087, 189-196. (SCI) (I.F. 3.641)(rank 5/70). NSC 91-2745-P-037-001
- 18 Yi-Ru Chen, Shun-Jin Lin, Yu-Wei Chou, Hsin-Lung Wu, **Su-Hwei Chen***, 2005, Simultaneous determination of cefepime and *L*-arginine by micellar electrokinetic chromatography and application in commercial injections. J. Sep. Sci. 2005, 28, 2173-2179. (SCI) (I.F. 2.632)(rank

20/70) NSC 93-2113-M-037-019