

## PICTURE



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### Education

P.H.D. Graduate Institute of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Kaohsiung City, Taiwan, 1992-2002.

M.S. Graduate Institute of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Kaohsiung City, Taiwan, 1989-1991. □

B.S. Department of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Kaohsiung City, Taiwan, 1983-1987.

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### Professional Experience

2013~Present: Associate Professor, Department of Public Health, College of Health Science, Kaohsiung Medical University, Kaohsiung, Taiwan □

2003 –2013: Assistant Professor, Department of Public Health, Kaohsiung Medical University, Kaohsiung, Taiwan

1991 –2003: Instructor, Department of Public Health, Kaohsiung Medical University, Kaohsiung, Taiwan

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## Specialty

Environmental Analysis, Instrumental Analysis, Analytical Chemistry

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## Publication

1. Lin CC, Huang HH, Hu CW, Chen BH, Chong IW, **Chao YY**, Huang YL Trace elements, oxidative stress and glycemic control in young people with type 1 diabetes mellitus, *Journal of Trace Elements in Medicine and Biology* 2014;28:1-18-22.
2. **Chao YY**, Tu YM, Jian ZX, Wang HW, Huang YL. Direct determination of chlorophenols in water samples through ultrasound-assisted hollow fiber liquid-liquid-liquid microextraction on-line coupled with high-performance liquid chromatography., *J Chromatogr A*. 2013;1271:41-41-9.
3. **Chao YY**, Jian ZX, Tu YM, Wang HW, Huang YL. An on-line push/pull perfusion-based hollow-fiber liquid-phase microextraction system for high-performance liquid chromatographic determination of alkylphenols in water samples., *Analyst* 2013;138:11-3271-9.
4. **Chao YY**, Tu YM, Jian ZX, Wang HW, Huang YL. Rapid on-line microextraction of neutral analytes in plastic-bottled beverages through ultrasound-assisted push/pull perfusion hollow-fiber liquid-liquid-liquid microextraction, *MICROCHEMICAL JOURNAL* 2013;110:1-386-394.
5. **Yu-Ying Chao**, Tzu-Yang Chien, Ting-Hsuan Kuo, Yin-An Lu, Yu-Hsuan Shih, Shin-Yuan Chen, Yeou-Lih Hunag\* On-Line Heat-Assisted Push/Pull Perfusion Hollow Fiber Liquid-Liquid-Liquid Microextraction for the Rapid Determination of Phthalate Esters in River Water Samples, *Analytical Methods* 2013;5:5-5602-5608.
6. **Yu-Ying Chao**, Tzu-Yang Chien, Ting-Hsuan Kuo, Yin-An Lu, Yu-Hsuan Shih, Shin-Yuan Chen and Yeou-Lih Hunag\* On-line heat-assisted push/pull perfusion hollow fiber, *Analytical Methods* 2013;5:0-5602-5608
7. **Yu-Ying Chao**, Cheuch-Ting Lee, Yu-Tzu Wei, Hwang-Shang Kou, Yeou-Lih Huang\* Using an on-line microdialysis/HPLC system for the simultaneous determination of melamine and cyanuric acid in non-dairy creamer, *Analytica Chimica Acta* 2011;702:9-56-6
8. **Chao YY**, Wei YT, Lee CT, Kou HS, Huang YL. Membrane Sampling with Microdialysis Coupled to HPLC/UV for On-line Simultaneous Determination of Melamine and Cyanuric Acid in Non-dairy Coffee Creamer., *Anal Sci*.

2011;27:10-1025

9. Jan CR, **Chao YY**\* Novel effect of Y-24180, a presumed specific platelet-activating factor receptor antagonist, on Ca<sup>2+</sup> levels and growth of human osteosarcoma cells, PHARMACOLOGICAL RESEARCH 2005;51:3-189-198
10. Jan CR, **Chao YY**\* Novel effect of Y-24180, a presumed specific platelet activation factor receptor antagonist, on Ca<sup>2+</sup> levels and growth of human prostate cancer cells, cellular signalling 2004;16:8-959- 965
11. **Chao YY**, Jan CR. Effect of Y-24180 on Ca<sup>2+</sup> movement and proliferation in renal tubular cells, Life Sciences 2004;74:7-923-933
12. Jan CR, **Chao YY**\* Novel effect of Y-24180, a presumed specific platelet activation factor receptor antagonist, on Ca<sup>2+</sup> levels and growth of human osteosarcoma cells, Pharmacological research 2004;51:3-189-95.
13. Chien-Hung Lee, Ying-Chin Ko, Hsiao-Ling Huang, **Yu-Ying Chao**, Chih-Cheng Tsai, Tien-Yu Shieh, Li-Min Lin he precancer risk of betel quit chewing, tobacco use and alcohol consumption in oral leukoplakia and oral submucous fibrosis in southern Taiwan, British Journal of Cancer 2003;88:3-366-372.
14. Chien-Huang Lee, Ying-Chin Ko, HL Huang, **Yu-Ying Chao**, Chi-Cheng Tsai,Tien-Yu Shieh,Li-Min Lin The precancer risk of betel quid chewing, tobacco use and alcohol consumption in oral leukoplakia and oral submucous fibrosis in southern Taiwan, British Journal of Cancer 2003;88:3-366-372.
15. Chien-Hung Lee, Ying-Chin Ko, Hsiao-Ling Huang, **Yu-Ying Chao**, Chih-Cheng Tsai, Tien-Yu Shieh, Li-Min Lin The precancer risk of betel quit chewing, tobacco use and alcohol consumption in oral leukoplakia and oral submucous fibrosis in southern Taiwan, British Journal of Cancer 2003;88:3-366-372.
16. **Yu-Ying Chao**, Ih-Sheng Chen, Jwu-Lai Yeh, et al Novel action of lignans isolated from Hernandia nymphaeifoliaon Ca<sup>2+</sup> signaling in renal tubular cells, European Journal of Pharmacology 2002;433:1-31-38.
17. **Yu-Ying Chao**, Chung-Ren Jan, Ying-Chin Ko, Jih-Jung Chen, Bang Ping Jiann, Yih-Chau Lu, Wei-Chung Chen, Warren Su, Ih-Sheng Chen Effect of Lignans Isolated from Hernandia nymphaeifolia on Estrogenic Compounds-Induced Calcium Mobilization in Human Neutrophils, Life sciences 2002;70:0-3109-3121.
18. **Yu-Ying Chao**, Chung-Ren Jan, Ying-Chin Ko, Jih-Jung Chen, Ih-Sheng Chen Effect of Lignans Isolated from Hernandia nymphaeifolia on Reactive

Oxygen Species Generation and Calcium Mobilization in Human Neutrophils, Drug development research 2002;55:0-118-126.

19. **Chao YY**, Su W, Jan CR, Ko YC, Chen JJ, Cheng JS, Liu CP, Lo YK, Chou KJ, Lee KC, Chen WC, Chen IS Novel action of lignans isolated from *Hernandia nymphaeifolia* on Ca<sup>2+</sup> signaling in human neutrophils., *Archives of Toxicology* 2002;75:0-695-702.
20. Ming-Feng Hou\*, Gau-Tyan Lin, Chao-Shun Tang, Ying-Lan Chu, Hsiu-Chin Liu, Tsung-Jen Huang, **Yu-Ying Chao** and Chun-Yuh Yang Reducing duct using the electrocautery pencil combined suction with the infusion catheter in mastectomy., *The American Surgeon* 2002;68:9-808-811.
21. Tsu-Nai Wang , **Yu-Ying Chao**, Tung-Heng Wang , Chung-Jen Chen , and Ying-Chin Ko Familial Risk of Asthma among Adolescent and Their Relatives., *J Asthma*. 2001;38:6-485-494.
22. Wang TN, **Chao YY**, Wang TH, Chen CJ, Ko YC\* Familial risk of asthma among adolescents and their relatives in Taiwan., *J Asthma Familial* 2001;38:6-485-494.
23. Tsu Nai Wang, Ying-Chin Ko, **Yu-Ying Chao**, Chi-Chih Huang and Ruey-Shiung Lin Association between indoor and outdoor air pollution and adolescent asthma from 1995 to 1996 in Taiwan., *Environmental Research* 1999;81:0-239-247.