

- **Name / Position**

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- **Teaching Courses**

Pharmaceutics

Special Topics in Pharmaceutics

- **The Highest Education Degree**

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

- **Research Area**

Drug delivery system

- **Recent Publications**

1. Yaw-Bin Huang, Ming-Wei Lin, Yun Chao, Chi-Te Huang, Yi-Hung Tsai, **Pao-Chu Wu***. 2014. Anti-oxidant activity and attenuation of bladder hyperactivity by the flavonoid compound kaempferol. *Int. J. Urol* 21(1)94-98.
2. Chi-Te Huang, Ming-Jun Tsai, Yu-Hsuan Lin, Yaw-Sya Fu, Yaw-Bin Huang, Yi-Hung Tsai, **Pao-Chu Wu***. 2013.08. Effect of microemulsions on transdermal delivery of citalopram: optimization studies using mixture design and response surface methodology. *International Journal of Nanomedecine*. 8, 22952304. (SCI)
3. Yaw-Bin Huang, Chi-Te Huang, Hsin-Yeh Tsou, Li-Tse Fu, Yaw-Sya Fu, Yi-Hung Tsai, **Pao-Chu Wu***. 2013. 03.21. The transport effect of submicron emulsions on 5-fluorouracil topical application. *Journal of Microencapsulation* 30(5), 425-431. (SCI).
4. Pi-Ju Tsai, Chi-Te Huang, Chen-Chou Lee, Chi-Lin Li, Y. B. Huang, Yi-Hung Tsai and **Pao-Chu Wu***, 2013. Isotretinoin oil-based capsule formulation optimization. *The Scientific World Journal*. Volume 2013. 856967, 6 Pages.
5. Yun Chao, Chi-Te Huang, Li-Tse Fu, Yaw-Bin Huang, Yi-Hung Tsai, **Pao-Chu Wu***. 2012. The effect of submicron emulsion systems on transdermal delivery of kaempferol. *Chem. Pharm. Bull.* 60(9), 1171-1175.
6. Yi-Hung Tsai, Jung-Tzu Chang, Chi-Te Huang, Jui-Sheng Chang, Yaw-Bin Huang, **Pao-Chu Wu***. 2012. Electrically-Assisted Skin Delivery of Buspirone Submicron Emulsions *J. Food Drug Anal.* 20, 22-26.

7. Yi-Hung Tsai, Li-Tse Fu, Chi-Te Huang, Jui-Sheng Chang, Yaw-Bin Huang, Pao-Chu Wu*. 2011. Formulation optimization of estradiol microemulsion using response surface methodology. J. Pharm. Sci. 100, 4383-4389. (SCI)
8. Chi-Te Huang, Chia-Hsun Tsai, Hsin-Yeh Tsou, Yaw-Bin Huang, Yi-Hung Tsai, Pao-Chu Wu*. 2011. Formulation optimization of transdermal meloxicam potassium-loaded mesomorphic phases containing ethanol, oleic acid and mixture surfactant using statistical experimental design methodology. J. Microencapsul. 28, 508-514. (SCI)
9. Yi-Hung Tsai, Yi-Hang Hsieh, Yaw-Bin Huang, Jui-Sheng Chang, Chi-Te Huang, Pao-Chu Wu*. 2010. Microemulsions for intravesical delivery of gemcitabine. Chem. Pharm. Bull. 58(11), 1461-1465. (SCI) (NSC 95-2320-B-037-022).
10. Pao-Chu Wu, Yei-Huan Lin, S Jui-Sheng Chang, Yaw-Bin Huang, Yi-Hung Tsai*. 2010. The effect of component of microemulsion for transdermal delivery of nicardipine hydrochloride. Drug Dev. Ind. Pharm. 36 (12), 1398-1403.(SCI)