

Fang, Yi-Ping

Assistant Professor

Personal details

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The Highest Education Degree

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

Personal Experiences

Assistant Professor, Department Biotechnology, Yuanpei University,
Taiwan, 2009/08-2014/07

Postdoctoral Fellow, Graduate Institute of Natural Products, Taiwan,
2009/03-2009/07

Current Events

Assistant Professor in School of Pharmacy, Kaohsiung Medical
University

Teaching Course

Pharmaceutics

Experiment of Pharmaceutics

Research Interesting

- Pharmaceutics
- Drug delivery Systems
- Nanomedicine

Experience in peer-review

- Journal of Nanoparticle Research
- Journal of Pharmacy and Pharmacology
- European Journal of Pharmaceutics and Biopharmaceutics
- International Journal of Nanomedicine
- International Journal of Pharmaceutics
- British Journal of Dermatology
- Clinical Cosmetic and Investigational Dermatology

Publications

1. Y.C. Lin, L.Y. Lin, M.Y. Gao, **Y.P. Fang**,* Mesoporous silica nanoparticles synthesized from LCD manufacturing extracts as a potential candidate for a drug delivery carrier: evaluation of their safety and biocompatibility. *International Journal of Nanomedicine*. 8: 3833-3842, 2013
2. C.H. Lin, **Y.P. Fang**, S.A. Al-Suwayeh, S.Y. Yang, J.Y. Fang. Percutaneous absorption and antibacterial activities of lipid nanocarriers loaded with dual drugs for acne treatment. *Biological & Pharmaceutical Bulletin*. 36(2): 276-286, 2013
3. **Y.P. Fang**, P.C. Wu, Y.B. Huang, C.C. Tzeng, Y.L. Chen, H.L. Lin, Y.H. Hong, M.J. Tsai*, Y.H. Tsai*, Modification polyethylene glycol onto solid lipid nanoparticles encapsulating a novel chemotherapeutic agent (PK-L4) to enhance solubility for injection delivery. *International Journal of Nanomedicine*. 7: 4995-5005, 2012
4. **Y.P. Fang**, C.C. Tzeng, Y.L. Chen, P.C. Wu, H.L. Lin, Y.H. Tsai. A New Antitumor Agent, (3-chloro-7-methoxyfuro[2,3-b]-quinolin-4-yl)-(4-methoxy-phenyl)amine, Loaded in Solid Lipid Nanoparticles: Characterization and Pharmacokinetics. *Current Nanoscience*. 8(2): 266-273, 2012
5. **Y.P. Fang**, Topical delivery of DNA oligonucleotide to induce p53 generation in the skin via thymidine dinucleotide (pTT)-encapsulated liposomal carrier. *International Journal of Nanomedicine*. 6: 3373-3381, 2011
6. L.W. Zhang, **Y.P. Fang**, J.Y. Fang. Enhancement techniques for improving 5-aminolevulinic acid delivery through the skin. *Dermatologica Sinica*. 29: 1-7, 2011 (Review Article)
7. **Y.P. Fang**, Y.K. Lin, Y.H. Su, J.Y. Fang. Tryptanthrin-loaded lipid nanoparticles for delivery into breast cancer cells: the effects of solid lipid/liquid lipid ratios in the inner core. *Chemical & Pharmaceutical Bulletin*. 59: 266-271, 2011
8. **Y.P. Fang**, Y.B. Huang, P.C. Wu, Y.H. Tsai. Topical delivery of 5-aminolevulinic acid-encapsulated ethosomes in a psoriasis-like animal model using the CLSM technique to evaluate the penetration behavior. *European Journal of Pharmaceutics and Biopharmaceutics*. 73: 391-398, 2009

9. **Y.P. Fang**, Y.H. Tsai, P.C. Wu, Y.B. Huang. Comparison of 5-aminolevulinic acid-encapsulated liposome vs. ethosome for skin delivery for photodynamic therapy. *International Journal of Pharmaceutics*. 356: 144-152, 2008
10. **Y.P. Fang**, Y.B. Huang, P.C. Wu, Y.H. Tsai. Physicochemical and safety evaluation of 5-aminolevulinic acid in novel liposomes as carrier for skin delivery. *Journal of Liposome Research*. 18: 31-45, 2008
11. S.C. Shen, W.R. Lee, **Y.P. Fang**, C.H. Hu, J.Y. Fang. In vitro percutaneous absorption and in vivo protoporphyrin IX accumulation in skin and tumors after topical 5-aminolevulinic acid application with enhancement using an erbium:YAG laser. *Journal of Pharmaceutical Science*, 95: 929-938, 2006
12. J.Y. Fang, C.F. Hung, **Y.P. Fang**, T.F. Chan. Transdermal iontophoresis of 5-fluorouracil combined with electroporation and laser treatment. *International Journal of Pharmaceutics*, 270: 241-249, 2004
13. W.R. Lee, S.C. Shen, **Y.P. Fang**, C.H. Hu, J.Y. Fang. Enhancement of topical 5-aminolevulinic acid delivery by erbium:YAG laser and microdermabrasion. *The British Journal of Dermatology*, 151: 132-140, 2004