

Feiyan Jin

Education Summary

- August 2005 to present, University of Maryland at Baltimore, Ph.D. in Pharmaceutical Sciences with major focus on Pharmaceutics and Drug Delivery Technology (Aerosols), supervised by Dr. Richard N. Dalby.
- September 2000 to June 2003, China Pharmaceutical University, Nanjing (CHINA), M.S. major in Microbiology and Biopharmaceuticals under the supervision of Dr. Min Wang and Dr. Daijie Chen.
- September 1996 to June 2000, China Pharmaceutical University, Nanjing (CHINA), B.S. major in English Pharmacy.

Employment Summary

- February 2006 to Present, Dalby Lab Rotation, University of Maryland at Baltimore. Investigate the influence of tilt angles on the efficiencies of jet nebulizers.
- January 2006, Polli Lab Rotation, University of Maryland at Baltimore. Synthesis of chenodeoxycholic acid (*CDCA*) conjugates to study the structure-permeability relationships between these substrates and human apical sodium-dependent bile acid transporter (hASBT).
- August 2005 to December 2005, Wang Lab Rotation, University of Maryland at Baltimore. Primary culture of mouse cortical neuronal cells to study the neuroprotective effect of PKCI.
- July 2003 to July 2005, Information Researcher, Shanghai Institute of Pharmaceutical Industry. Information collecting and analyzing on global pharmaceutical market and new drug R&D strategies.
- September 2001 to June 2003, Chen Lab M.S. Thesis Project, Shanghai Health Creation Center for Biopharmaceutical R&D. Strain improvement and biosynthetic genes study on vancomycin.
- January 2000 to June 2000, Ping Lab B.S. Thesis Project, China Pharmaceutical University. Transdermal delivery of mixed micelles using cyclosporin A as a model drug.

Research Skills

Formulation development and optimization of mixed micelles, strain screening, cell culture, gene cloning, protein expression, chemical synthesis, separation and purification, analytical methods such as HPLC, MS, UV, visible and fluorescence spectroscopy, etc.

Computer Skills

Microsoft Windows, Microsoft Office (Word, Excel and PowerPoint), HTML. Analytical and Statistical softwares: SPSS and S-plus. Pharmacokinetic study softwares: WinNonlin, Adapt and Nonmen.

Publications

- Chen D. and **Jin F.** Polysaccharides I: Polysaccharides from Prokaryotes. Beijing: Chemical Industry Press, 2004.
- **Jin F.** Analysis of the fast-moving anticancer market. Chinese Journal of Pharmaceuticals 2005, 36(6): XXIII-XXX.

- **Jin F.**, Li G., Wang M., Chen D. Cloning of *gtfE* gene encoding glycosyltransferase from *Amycolatopsis orientalis*. Chinese Journal of Antibiotics, 2004, 29(3): 134-137.
- Chen D., Li J., Zou Y., Liu Y., Ge M., **Jin F.**, Su X., Xu B., Jin Y. Process Development of Vancomycin. Chinese Journal of Antibiotics, 2004, 29(1): 8-10.
- **Jin F.**, Wang M., Chen D. Advance in Cathelicidins Antimicrobial Peptides. Pharmaceutical Biotechnology, 2003, 10(3): 186-190.
- Wu T., Guo J., Ping Q., **Jin F.**, Sun X. Transdermal delivery of cyclosporin A in mixed micelles through mice skin. Acta Pharmaceutica Sinica, 2001, 36(5): 381-385.

Thesis

- M.S.: Strain Improvement of Vancomycin and Cloning of *gtfE* Gene Encoding Glycosyltransferase from *Amycolatopsis orientalis*, China Pharmaceutical University, 2003.
- B.S.: Preliminary Study on Transdermal Delivery of Cyclosporin A in Mixed Micelles through Mice Skin. China Pharmaceutical University, 2000.

Honors

- First or Second Prize Scholarship Winner, Every semester, China Pharmaceutical University (1996-2000).
- Various honors in various knowledge and translation competitions at college and high school level.