

Lili Xu

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Education

Aug. 2018-2022 (Expected) Ph.D. in Health Services and Policy University of Iowa
Sept. 2011-Jun. 2014 M.S. in Medicinal Chemistry Fudan University
Sept. 2007-Jun. 2011 B.S. in Information Management and Information System
China Pharmaceutical University

Research Interest

- Long-term care; nursing homes; evaluating health care reform outcome

Publications

Peer Reviewed

- Xinxian Deng, Lin Guo, **Lili Xu**(co-first author), Xuechu Zhen*, Kunqian Yu*, Weili Zhao*, Wei Fu*, Discovery of novel potent and selective ligands for 5-HT_{2A} receptor with quinazoline scaffold, *Bioorganic & Medicinal Chemistry Letters*, 25 (2015) 3970–3974
- Peng Lian, **Lili Xu**(co-first author), Chuanrong Geng, Yuanyuan Qian, Wei Li*, Xuechu Zhen* and Wei Fu*, A Computational Perspective on Drug Discovery and Signal Transduction Mechanism of Dopamine and Serotonin Receptors in the Treatment of Schizophrenia, *Current Pharmaceutical Biotechnology*, 2014, 15, 916-926
- **Lili Xu**, Shanglin Zhou, Kunqian Yu, Bo Gao, Hualiang Jiang*, Xuechu Zhen*, and Wei Fu*, Molecular Modeling of the 3D Structure of 5-HT_{1A}R: Discovery of Novel and Potent 5-HT_{1A}R Agonists via Dynamic Pharmacophore-Based Virtual Screening, *Journal of Chemical Information and Modeling*, 2013, 53, 3202–3211
- Peng Du, **Lili Xu**(co-first author), Jiye Huang, Kunqian Yu, Rui Zhao, Bo Gao, Hualiang Jiang, Weili Zhao*, Xuechu Zhen*, Wei Fu*, Design, Synthesis and Evaluation of Indolebutylamines as a Novel Class of Selective Dopamine D₃ Receptor Ligands, *Chemical Biology & Drug Design*, 2013; 82: 326 – 335
- Wei Li, **Lili Xu**(co-first author), Qiong Xie, Yan Chen, Mei-yan Lu, Bo Chao, Xing-hai Wang, Yun Tang, Zhui-bai Qiu, Wei Fu* & Choiwan Lau*, Theoretical and NMR investigations on the conformations of (-)-meptazinol hydrochloride in solution, *Molecular Simulation*, 2013, 39:13, 1065-1069
- Bian Li, **Lili Xu**(co-first author), Qing Shen, Xianfeng Gu* & Wei Fu*, Discovery of Novel Small Molecule Src Kinase Inhibitors via a Kinase-focused Drug-likeness Rule and Structure-based Virtual Screening, *Molecular Simulations*, 2013, 40:4, 341-348

Non-Peer Reviewed

- **Lili Xu**, Huijun Gao, Kenneth I Kaitin, Liming Shao, China's Drug Regulatory System Reform: Long March Towards Pharmaceutical Innovation, *Nature Reviews Drug Discovery*, volume 17, pages 858–859 (2018)
- **Lili Xu**, Kenneth I Kaitin, Liming Shao, CHINA'S National Reimbursement Drug List 2017, *DIA Global Forum*, July 2017, Volume 9, Issue 4

- Liming Shao*, Lili Xu, Qiu Li, Ranjana Chakravarthy, Ziling Yang, Kenneth I Kaitin, Innovative drug availability in China, *Nature Review Drug Discovery* 15, 739–740 (2016)

Employment

Jul. 2014 to Jul. 2018, Center for Study of Pharmaceuticals and Healthcare Strategy, Fudan University
 Research Analyst, Director of Administration Office

Project Experience:

- *Study On Group Purchasing (GPO) Mode of Public Hospitals in Shanghai* (Client: R&D-based Pharmaceutical Association Committee (RDPAC))
- *Global R&D landscape of Biologics and mAbs; Clinical Failures and R&D trend for Alzheimer’s Disease*
- *Investigation of the Development of Biopharmaceutical Industry in Shanghai Zhangjiang “Pharma Valley”* (Client: Shanghai Zhangjiang Bio-Pharmaceutical Base Development Co., Ltd.)
- *Proposed Scheme of Shanghai FDA Advisory Committee* (Client: Shanghai FDA)
- *Project Innovative Drug Availability in China—A comparative study between China and the United States (2004~2014)* (collaborated with Tufts Center for the Study of Drug Development (CSDD))

Other Experience:

- Organized *Fudan-Tufts Training Course for Drug R&D 2014-2017*
- Organized *Combating Alzheimer’s Disease in an Aging Society Roundtable 2016, Turn the Tide of Chronic Disease Roundtable 2015*
- Organized Workshop on *Developing a Pricing and Reimbursement Policy System for Innovative Drugs in China*; Roundtable Meeting on *International Experiences and Trends in Improving Value Assessment, 2017*
- Organized *International conferences Global Pharmaceutical Innovation Strategy 2015 and 2016*
- Teaching assistant for 2 undergraduate courses: *The Ethics of Pharmaceutical Industry, Effective Communication and Teamwork Course* (a Fudan-Roche joint course)

Visiting Scholar and Internship

Sept. 2016-Oct. 2016, Visiting Scholar Tufts Center for the Study of Drug Development (CSDD)

- worked on joint projects related to drug Group Purchasing Organization (GPO)

Jul. 2013-Dec. 2013, R&D Internship Johnson & Johnson (China)

- responsible for the computational chemistry and modeling work of the research project

Trainings

- 2017 Postgraduate Course in Clinical Pharmacology (Feb 6th -10th), Tufts CSDD

Campus Activities

Class Monitor, China Pharmaceutical University	Sept. 2008 – Jul. 2011
President of English Drama Club, China Pharmaceutical University	Sept. 2008 – Sept. 2009
Assistant of Graduate Office, Fudan University	Sept. 2012 – Jan. 2013

Awards & Honors

- Apr. 2014 Outstanding Graduate Award, Shanghai
- Oct. 2013 National Scholarship, the Ministry of Education, People’s Republic of China
- Nov. 2012 " Best Presenter Award ", Yangtze River Delta Symposium on Medicinal Chemistry
- Jun. 2011 Outstanding Undergraduate Award, China Pharmaceutical University