

Xiaozhi Yang

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Education

Aug, 2016-present	Ph.D. student in Medicinal Chemistry	University of Florida
Sep, 2014-July, 2016	Ph.D. student in Medicinal Chemistry and Pharmacognosy	Ohio State University
Sep, 2008- July, 2011	M. S. in Medicinal Chemistry	China Pharmaceutical University
Sep, 2004 -July, 2008	B. S. in Pharmacy	China Pharmaceutical University

Research Interest

Design, synthesis and assay of small molecules; preparation and characterization for rare earth inorganic nano-materials

Research Experience

Aug, 2016-Present	Phd student in Medicinal Chemistry, College of Pharmacy, University of Florida
Sep, 2014-July, 2016	Phd student in Medicinal chemistry, College of Pharmacy, Ohio State University
Aug, 2013-May, 2014	Visiting Scholar in Pharmaceutical Sciences, College of Pharmacy, University of Kentucky
Sep, 2011-Jun, 2013	Assistant Engineer of Novel drug research in Anhui Institute of Materia Medica

Publications

- 1) **X.Z. Yang**, W.H. Yang, Y.G. Xu, X.J. Diao, G.W. He, G.Q. Gong, Synthesis and antithrombotic evaluation of novel dabigatran prodrugs containing a cleavable moiety with anti-platelet activity [J], European Journal of Medicinal Chemistry, 57 (2012) 21-28.
- 2) **X.Z. Yang**, X.J. Diao, W.H. Yang, F. Li, G.W. He, G.Q. Gong, Y.G. Xu, Design, synthesis and antithrombotic evaluation of novel dabigatran prodrugs containing methyl ferulate [J], Bioorganic & Medicinal Chemistry Letters, 23 (2013) 2089-2092.
- 3) Y.Z. Li, G.Q. Gong, W.H. Yang, X.H. Wang, M.L. Jiang, Y. Zhou, **X.Z. Yang**, Y.G. Xu, G.W. He, Antithrombotic activity of HY023016, a novel Dabigatran prodrug evaluated in animal thrombosis models [J], Thrombosis Research 131 (2013) 425-435.
- 4) Yungen Xu, **Xiaozhi Yang**, Guoqing Gong, Wenhui Yang, Guangwei He, Feng Li, The preparation and medical application of a series of oral thrombin inhibitors [P], CN102838588(A), 2012-12-26.
- 5) Yungen Xu, **Xiaozhi Yang**, Guangwei He, Guoqing Gong, Wenhui Yang, Xiaojuan Diao, Shaoxing Chu, The preparation and antithrombotic application of dabigatran derivatives [P], CN102875533(A), 2013-01-16.
- 6) **X.Z. Yang**, X.J. Diao, G.Q. Gong, Y.G. Xu, Design and Synthesis of Novel Derivatives of Dabigatran Based-on Scaffold Hopping [A], National Medicinal Chemistry Conference - the source of the drug innovation abstract collection [C], (2011) 81.
- 7) Yungen Xu, **Xiaozhi Yang**, Guoqing Gong, Wenhui Yang, Guangwei He, Xiaojuan Diao, Non-peptide thrombin inhibitors as well as preparation method and medical application thereof [P], CN102250099 (A), 2011-11-23.
- 8) N. Jin, Y. Yang, W. Xu, **X.Z. Yang**, G. Gong, Y. Xu, Synthesis and Bioactivity of Substituted Benzoylguanidine Derivatives as Potent Na⁺/H⁺ Exchanger Inhibitors [J], Chinese Journal of Chemistry, 30 (2012) 333-340.
- 9) Guoqing Gong, Xiangmin Jiang, Linlin Li, Shujuan Ren, Yungen Xu, Chao Xu, **Xiaozhi Yang**, Yajun Yun, Guomin Zhang, Benzoylguanidine-trimetazidine conjugate, as well as preparation method and medical application thereof [P], CN101747292 (A), 2010-06-23.
- 10) Y. Zhang, A. Zheng, **X.Z. Yang**, H. He, Y. Fan, C. Yao, Cubic GdFeO₃ Particle by a Simple Hydrothermal Synthesis Route and Its Photoluminescence and Magnetic Properties [J], CrystEngComm, 14 (2012) 8432-8439.