CURRICULUM VITAE

Personal Information

Name	De-Xin Kong	Gender	Male
Position Title		Doctor, Professor	
Working Department		Department of Bioinformatics, College of Informatics	
Email	dxkong@mail.hzau.edu.cn		
Address	Room 511, Yifu Teching Building C		
Tel	+8618971629378	Fax	

Research Interest

- ✧ Chemoinformatics
- ✧ Computer-Aided Drug Design
- ✧ Molecular modeling

Professional Memberships

Other Roles

Education & Working Experience

1995.9~1999.7:	Dept. of Chemistry, Shandong Normal University, Undergraduate student
1999.9~2002.7:	Dept. of Chemistry, Shandong Normal University, Master candidate
2002.9~2005.7:	Marine Drug and Food Institute, Ocean University of China, Doctor candidate
2003.8~2005.1:	Shanghai Institute of Materia Medica (SIMM), Chinese Acadamy of Sciences (CAS), visit student
2005.7~2008.12:	Shandong Provincial Research Center for Bioinformatics Engineering and Technique, School of Life Sciences, Shandong University of Technology, Instructor
2009.1~present:	College of Life Sciences and Technology, Huazhong Agricultural University, Associate professor, professor
2009.5~2009.11:	International Centre for Science and High Technology of the United Nations Industrial Development Organization (ICS-UNIDO), Fellow (Training Programme)

Publications

1. Zhi-Luo Deng, Cai-Xia Du, Xiao Li, Ben Hu, Zheng-Kun Kuang, Rong Wang, Shi-Yu Feng, Hong-Yu Zhang, De-Xin Kong*. *Exploring the biologically relevant chemical space for drug discovery*. **J Chem Info Model**, 2013, 53: 2820-2828.

2. De-Xin Kong*, Wei Ren, Wei Lu, Hong-Yu Zhang. *Do Biologically Relevant Compounds Have More Chance To Be Drugs?* **J. Chem. Info. and Model.** 2009, 49 (10): 2376–2381.

3. Bin Zhou, Rong Wang, Ping Wu, De-Xin Kong*. *Drug repurposing based on drug-drug interaction data.* **Chem Bio Drug Design**. 2015, 85: 137-144.

4. Yibo Jiang, Faheem Ahmed Khan, Nuruliarizki Shinta Pandupuspitasari, Ishwari Kadariya, Zhangrui Cheng, Yuwei Ren, Xing Chen, Ao Zhou, Liguo Yang, Dexin Kong*, and Shujun Zhang*, *Analysis of the Binding Sites of Porcine Sialoadhesin Receptor with PRRSV*. **Int J Mol Sci**. 2013, 14(12), 23955-23979.

5. De-xin Kong, Xue-juan Li, and Hong-Yu Zhang*. *Where is the hope for drug discovery? Let history tell the future.* **Drug Discov. Today** 2009, 14: 115-119.

6. De-Xin Kong, Ying-Ying Jiang, Hong-Yu Zhang*. *Marine natural products as sources of novel scaffolds: achievement and concern.* **Drug Discov. Today** 2010, 15:884-886.

7. De-xin Kong, Xue-juan Li, Guang-Yan Tang, and Hong-Yu Zhang*. How Many Traditional Chinese Medicine Components Have Been Recognized by Modern Western Medicine? A Chemoinformatic Analysis and Implications for Finding Multicomponent Drugs. **ChemMedChem**, 2008, 3:233-236.

8. De-Xin Kong, Ming-Yue Guo, Zhi-Hong Xiao, Ling-Ling Chen, and Hong-Yu Zhang*. *Historical Variation of Structural Novelty in Natural Product Library*. **Chem. Biodiv.** 2011, 8: 1968-1977.

9. Ying-Ying Jiang, De-Xin Kong, Ta Qino, Xiao Li, Gustavo Caetano-Anollés, Hong-Yu Zhang*. *The Impact of Oxygen on Metabolic Evolution: a Chemoinformatic Investigation.* **Plos Comp. Biol.** 2012, 8:e1002426. (**the first two authors contributed equally**.)

10. Li-Min Cao, De-Xin Kong, Jian-Xin Sui, Tao Jiang, Zong-Yan Li, Lei Ma, Hong Lin. *Broad-specific antibodies for generic immunoassay of quinolone: development of a molecular model for selection of haptens based on molecular filed-overlapping.* **Analy. Chem.** 2009, 81: 3246–3251. (**The first two authors contributed equally.**)

Additional Information