



LI Defang (Ph.D.)

Academic qualifications

- 2003-2007: B. S. College of pharmacy, Shihezi University, Shihezi, China
2007-2010: M. M. College of pharmacy, Shihezi University, Shihezi, China
2010-2013: Sc. D. College of Traditional Chinese Medicine, China Pharmaceutical University, Nanjing, and 1 Shanghai Institute of Materia Medica, Chinese Academy of Sciences, Shanghai, China

Previous academic positions held

- 2013-2015: Research Assistant, Academician Chen Xinzi Workroom for Advancing Translational Medicine in Bone & Joint Diseases, Kunshan RNAi Institute, Kunshan Industrial Technology Research Institute, Kunshan, Jiangsu, China.

Present academic position:

- 2015- Research assistant professor, Institute for Advancing Translational Medicine in Bone & Joint Diseases, Hong Kong Baptist University & Teaching Division, School of Chinese Medicine, Hong Kong Baptist University

Previous relevant research work

- Technical expertise: Molecular pharmacology, Free radical biology, Cardiovascular pharmacology
- Research area: Molecular understandings and RNAi-based & phytotherapy-based translational research aortic dissection

Publication Records: Theses (2); SCI Publications (8 from Web of Knowledge); Citations (38, excluding self-citation)

Section A: Five most representative publications in recent five years

1. Liu, J., L. Dang, **D. Li (Co-first author)**, C. Liang, X. He, H. Wu, A. Qian, Z. Yang, D. W. T. Au, M. W. L. Chiang, B.-T. Zhang, Q. Han, K. K. M. Yue, H. Zhang, C. Lv, X. Pan, J. Xu, Z. Bian, P. Shang, W. Tan, Z. Liang, B. Guo, A. Lu and G. Zhang. A delivery system specifically approaching bone resorption surfaces to facilitate therapeutic modulation of microRNAs in osteoclasts. *Biomaterials*. 2015, 52(0): 148-160.
2. **Defang Li**, Sha Liu, Fukang Teng, Wengang Yang, Tingting Zhang, Li Zhang, et al. Temporal change of leukocytes and chemokines in aortic dissection patient: relationship to regional lesion on aorta. *Int J Cardiol*. 2013, S0167-5273(13) 00679-7.
3. Baohong Jiang, **Defang Li (Co-first author)**, Yanping Deng, Fukang Teng, Jing Chen, Xiangqian Kong, et al. Salvianolic Acid A, a Novel Matrix Metalloproteinase-9 Inhibitor, Prevents Cardiac Remodeling in Spontaneously Hypertensive Rats. *PLoS ONE*. 2013, 8(3): e59621.
4. Xuan Yuan, **Defang Li**, Hong Zhao, Jiangtao Jiang, Penglong Wang, Xiaoyi Ma, Xiling Sun, Qiusheng Zheng. Licochalcone A-Induced Human Bladder Cancer T24 Cells Apoptosis Triggered by Mitochondria Dysfunction and Endoplasmic Reticulum Stress. *Biomed Res Int*. 2013: 474272.
5. **Defang Li**, Zhenhua Wang, Hongmei Chen, Jingying Wang, Qiusheng Zheng, Jing Shang, Ji Li. Isoliquiritigenin induces monocytic differentiation of HL-60 cells. *Free Radical Biology & Medicine*. 2009, 46: 731-736.

Section B: Five representative publications beyond the recent five-year period with the latest publication entered first

N/A

Award:

1. **Li Defang**. Temporal change of leukocytes and chemokines in aortic dissection patient: relationship to regional lesion on aorta. The outstanding achievement award for graduate student. Huahai pharmaceutical industry and China Pharmaceutical University. Nanjing, 2014.

Patent:

1. Wang Zhenhua, **Li Defang**, Chen Hongmei, Fu Wei, Liu Ting, et al. The application of isoliquiritigenin as cancer differentiation-inducing agent. **Chinese Patent** (Application ID: 200810072917.7; Application Publicity ID: CN 101627982; Application Publicity Date: 2010.01.20)