

ZHANG Lihe (Ph.D.)

Academic qualifications:

- 1954-1958: B. Sci. Department of Pharmacy, Beijing Medical College, Beijing, China
1964-1967: M. Sci. Department of Pharmacy, Beijing Medical College, Beijing, China

Previous academic positions held:

- 1967-1981: Assistant Professor, Department of Pharmacy, Beijing Medical College, China

1981-1983: Visiting Scholar, Department of Chemistry, University of Virginia, USA

1983-1985: Associate Research Fellow, School of Pharmacy, Beijing Medical University, China

1985-1999: Professor, School of Pharmacy, Beijing Medical University, China

1999-now: President, School of Pharmacy, Peking University, China

Present academic position:

- 1995-now: Academician, Chinese Academy of Sciences, China

Previous relevant research work:

Nucleic acid chemistry and antitumor antiviral drugs.

Publication records:

Section A-Five most representative publications in the recent five years (* Corresponding Author)

1. Longlong Si, Huan Xu, Xueying Zhou, Ziwei Zhang, Zhenyu Tian, Yan Wang, Yiming Wu, Bo Zhang, Zhenlan Niu, Chuanling Zhang, Ge Fu, Sulong Xiao, Qing Xia, Lihe Zhang, Demin Zhou. Generation of influenza A viruses as live but replication-incompetent virus vaccines. *Science*. 2016; 354:1170-1173.

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

2. Huimin Wu, Zhenjun Yang, Liangren Zhang and Lihe Zhang. Concise synthesis of novel acyclic analogues of cADPR with an ether chain as the northern moiety, *New J. Chem.*, 2010; 34: 956–966.
3. N. Qi, za K. Jung, M. Wang, L. X. NaZ. J. Yang, L. R. Zhang, A. H. Guseand L. H. Zhang. A novel membrane-permeant cADPR antagonist modified in the pyrophosphate bridge, *Chem. Commun.*, 2011; 47: 9462–9464.
4. Min Dong, Yuan-Qi Si, Shuang-Yong Sun, Xiao-Ping Pu, Zhen-Jun Yang, Liang-Ren Zhang, Li-He Zhang, Fung Ping Leung, Connie Mo Ching. Lam, Anna Ka Yee Kwong, Jianbo Yue, Yeyun Zhou, Irina A. Kriksunov, Quan Hao and Hon Cheung Lee. Design, synthesis and biological characterization of novel inhibitors of CD38, *Org. Biomol. Chem.*,

2011; 9: 3246.

5. Yi Zhou, Kai Yiu Ting, Connie Mo Ching Lam, Anna Ka Yee Kwong, Jie Xia, Hongwei Jin, Zhenming Liu, Liangren Zhang, Hon Cheung Lee and **Lihe Zhang**. Design, synthesis and biological evaluation of novel non-covalent inhibitors of human CD38 NADase, *ChemMedChem.*, 2011; DOI: 10.1002/cmdc.200.
6. Xin Jin, Tingting Sun, Chuanke Zhao, Yongxiang Zheng, Yufan Zhang, Weijing Cai, Qiuchen He, Kaz Taira, **Lihe Zhang** and Demin Zhou. Strand antagonism in RNAi: an explanation of differences in potency between intracellularly expressed siRNA and shRNA, *Nucleic Acids Research*, 2011; 1–10, doi:10.1093/nar/gkr927.

Award:

Zhang Lihe. Millennium Pharmaceutical Scientists Award, San Francisco USA, 2000

Zhang Lihe. The Second Class Prize of National Natural Science Award, China, 2004

Funded Projects