



张亮仁 教授

发布日期: 2011-10-30

浏览次数:

字号: [大 中 小]



张亮仁 理学博士，教授，博士生导师；药物化学系主任

办公电话: 82802567

电子邮箱: liangren@bjmu.edu.cn

中国药学会药物化学专业委员会副主任委员，“Heterocycles”杂志顾问，“中国药物化学杂志”、“中国药学（英文版）”编委。

个人简历

2007.1 - 2007.2 日本九州大学药学部访问教授。

1998 - 2000 美国加利福尼亚大学旧金山分校药学院、密西根大学药学院访问学者；

1994 北京医科大学药学院副研究员；

1991 北京医科大学药学院博士后；

1987 中国科学院兰州化学物理研究所博士研究生；

1988 - 1990 日本九州大学工学部联合培养博士研究生；

1983 中国科学院兰州化学物理研究所硕士研究生；

1979 湖南师范学院化学系本科生；

- 1) 核苷、核苷酸及寡核苷酸的设计与合成。
- 2) 基于核酸等生物大分子结构的药物设计与合成。
- 3) 构效关系研究。

论文发表情况及奖励

在核苷、核苷酸和寡核苷酸合成与性质研究，以及药物设计及构效关系研究领域已发表相关论文50余篇，2002年获教育部提名国家自然科学基金二等奖（第二完成人），2004年获国家自然科学基金二等奖（获奖项目：核酸化学及以核酸为靶点的药物研究，第二完成人）。

近期发表的论文：

- 1) Three-dimensional structure of HIV-1 VIF constructed by comparative modeling and the function characterization analyzed by molecular dynamics simulation. Wei Lv, Zhenming Liu, Hongwei Jin, Xianghui Yu, Liangren Zhang* and Lihe Zhang, *Organic & Biomolecular Chemistry*, 2007, 5, 617-626.
- 2) Synthesis and agonist activity of cyclic ADP-ribose analogues with substitution of the northern ribose by ether or alkane chains. Jianfeng Xu, Zhenjun Yang, Werner Dammermann, Liangren Zhang*, Andreas H. Guse, and Li-he Zhang*, *Journal of Medicinal Chemistry*, 2006, 49, 5501-5512.
- 3) One-step synthesis of novel tricyclic isomeric azidonucleosides. Zong-Sheng Li, Ren-Ping Qiao, Zhen-Jun Yang, Liang-Ren Zhang and Li-He Zhang*, *Tetrahedron: Asymmetry*, 2006, 17, 1056-1061.
- 4) Parametrization of a specific free energy function for automated docking against RNA targets using neural networks. Florent Barbault, Liangren Zhang, Lihe Zhang and Bo Tao Fan*, *Chemometrics and Intelligent Laboratory Systems*, 2006, 82, 269-275.
- 5) Structural insights into the effect of isonucleosides on B-DNA duplexes using molecular dynamics simulations. Hongwei Jin, Suxin Zheng, Zhanli Wang, Cheng Luo, Jianhua Shen, Hualiang Jiang, Liangren Zhang*, and Lihe Zhang, *Journal of Molecular Modeling*, 2006, 12, 781-791.
- 6) Selective deacetylation using iodine-methanol reagent in fully acetylated nucleosides. Bo Ren, Li Cai, Liang-Ren Zhang, Zhen-Jun Yang and Li-He Zhang*, *Tetrahedron Letters*, 2005, 46, 8083-8086.
- 7) Properties of isonucleotide incorporated oligodeoxynucleotides and inhibition to the expression of spike protein of SARS-CoV. Zhanli Wang, Jifeng Shi, Hongwei Jin, Liangren Zhang*, Jingfeng Lu, and Lihe Zhang, *Bioconjugate Chemistry*, 2005, 16, 1081-1087.
- 8) A minimal structural analogue of cyclic ADP-ribose: synthesis and calcium release activity in mammalian cells. Andreas H. Guse*, Xianfeng Gu, Liangren Zhang, Karin Weber, Elisabeth Kramer, Zhenjun Yang, Hongwei Jin, Qin Li, Lucie Carrier, and Lihe Zhang*. *Journal of Biological Chemistry*, 2005, 280, 15952-15959.
- 9) Analysis of the interactions of ribonuclease inhibitor with kanamycin. Zhanli Wang, Liangren Zhang, Jingfen Lu*, and Lihe Zhang. *Journal of Molecular Modeling*, 2005, 11, 80-86.
- 10) Synthesis and biological evaluation of novel membrane-permeant cyclic ADP-ribose mimics: N1-[(5''-O-phosphorylethoxy)methyl]-5'-O-phosphoryl-inosine 5',5''-cyclic-pyrophosphate (cIDPRE) and 8-substituted derivatives. Xianfeng Gu, Zhenjun Yang, Liangren Zhang, Svenja Kunerth, Ralf Fliegert, Karin Weber, Andreas H. Guse, and Lihe

- 11) Synthesis and biological activities of 5'-ethylenic and acetylenic modified L-nucleosides and isonucleosides. Jun-Feng Wang, Xiao-Da Yang, Liang-Ren Zhang, Zhen-Jun Yang, and Li-He Zhang, *Tetrahedron*, 2004, 60, 8535-8546.
- 12) A concise method for the preparation of peptide and arginine-rich peptide-conjugated antisense oligonucleotide. Chang-Po Chen, Liang-Ren Zhang, Yue-Feng Peng, Xiao-Bo Wang, Sheng-Qi Wang, and Li-He Zhang*, *Bioconjugate Chemistry*, 2003, 14, 532-538.
- 13) Synthesis of 2-amino-2-deoxy-β-glycosyl-(1→5)-nucleosides and the interaction with RNA. Guisheng Zhang, Zhu Guan, Liangren Zhang*, Jimei Min, and Lihe Zhang, *Bioorganic & Medicinal Chemistry*, 2003, 11, 3273-3278.
- 14) Solid-phase synthesis of dipeptide-conjugated nucleosides and their interaction with RNA. Guimin Dong, Liangren Zhang*, and Lihe Zhang. *Helvetica Chimica Acta*, 2003, 86, 3516-3524.
- 15) Studies on the synthesis and PKA-I binding activities of 5-alkynyl tubercidine analogs. Liangren Zhang, Yunlong Zhang, Xianghui Li, and Lihe Zhang*, *Bioorganic & Medicinal Chemistry*, 2002, 10, 907-912.
- 16) Synthesis of oligonucleotide-peptide conjugate targeting to Glut-1 in HepG-2 and MCF-7 cells. Changpo Chen, Xiaoxu Li, Liangren Zhang, Ji-Mei Min, Judy Yuet-Wah Chan, Kwok-Pui Fung, Sheng-Qi Wang, and Li-He Zhang*, *Bioconjugate Chemistry*, 2002, 13, 525-529.
- 17) Signal peptide mimics conjugated to peptide nucleic acids: a promising solution for improving cell membrane permeability. Xiaoxu Li, Liangren Zhang, Jingfen Lu, Yaozu Chen, Jimei Min, Lihe Zhang*, *Bioconjugate Chemistry*, 2003, 14, 153-157.
- 18) Studies on the synthesis of a G-rich octaoligoisonucleotide (isoT)2(isoG)4(isoT)2 by the phosphotriester approach and its formation of a G-quartet structure. Jun Chen, Liangren Zhang, Ji Mei Min, Lihe Zhang*, *Nucleic Acids Research*, 2002, 30, 3005-3014.
- 19) Hybrid characteristics of oligonucleotides consisting of iso-nucleoside 2',5'-anhydro-3'-deoxy-3'-(thymine-1-yl)-D-mannitol with different linkage modes. Zhen Lei, Ling Zhang, Liangren Zhang, Jun Chen, Ji Mei Min, and Li-He Zhang*, *Nucleic Acids Research*, 2001, 29, 1470-1475.
- 20) Synthesis and hybridization properties of oligonucleotide consisting of 2-deoxy-2-(thymine-1-yl)-5-deoxy-1,4-anhydro-D-arbitol. Zhu Guan, Xiaobin Tian, Liangren Zhang*, Ji-Mei Min, and Li-He Zhang, *Helvetica Chimica Acta*, 2002, 85, 1479-1484.

[打印本页](#) [关闭窗口](#)