



吉林大学 生命科学学院
School of Life Sciences, Jilin University



教授

[教授 \(../../szdw/js.htm\)](#)

[副教授 \(../../szdw/fjs.htm\)](#)


[讲师 \(../../szdw/js1.htm\)](#)

[实验技术人员 \(../../szdw/syjsry.htm\)](#)

[离退休人员 \(../../szdw/ltxry.htm\)](#)

[首页 \(../../index.htm\)](#) > [师资队伍 \(../../szdw.htm\)](#) > [教授 \(../../szdw/js.htm\)](#) > [细胞生物学与生物物理学](#)

[系 \(../../szdw/js/xbswxyswwlxx.htm\)](#) > [正文 \(\)](#)

姓名:	李桂英	
职称:	教授 博士生导师	
最高学位:	博士	
电话:	0431-85155222	
邮件:	ligy@jlu.edu.cn	
工作地点:	生命科学楼228	
研究方向	<p>酶与细胞增殖调控及肿瘤生物治疗:</p> <ol style="list-style-type: none"> 1. 细胞周期蛋白依赖性蛋白激酶及其相互作用因子在细胞增殖调控中作用机制研究 2. 胞内基因工程抗体研制及肿瘤生物治疗 3. 肝损伤及修复分子机制 4. 肿瘤生物标志物的发现及肿瘤早期诊断 	
教育经历	<p>1997.9-2000.7 东北师范大学遗传与细胞研究所, 获理学博士学位</p> <p>1994.9-1997.7 东北师范大学遗传与细胞研究所, 获理学硕士学位</p> <p>1990.9-1994.7 东北师范大学生命科学学院, 获理学学士学位</p>	
工作经历	<p>2008.9-至今 吉林大学分子酶学工程教育部重点实验室, 教授, 博士生导师</p> <p>2014.1-2014.4 美国科罗拉多大学丹佛分校药学院, 高级研究学者</p> <p>2007.1-2008.2 美国匹兹堡大学医学院, 访问学者</p> <p>2003.9-2008.9 吉林大学分子酶学工程教育部重点实验室, 副教授, 硕士生导师</p> <p>2000.9-2003.9 吉林大学基础医学院免疫学系, 基础医学博士后, 2003年3月特评特聘为副教授。</p>	

<p>荣誉称号</p>	<p>《临床肝胆病杂志》编委</p> <p>教育部“新世纪优秀人才”</p> <p>吉林省首批“中青年科技创新领军人才”</p> <p>吉林省拔尖创新人才</p> <p>吉林省首批“学科领军教授”</p>
<p>研究成果</p>	<p>近年来先后主持国家自然科学基金等省部级以上课题18项（含教育部新世纪优秀人才计划等4项人才计划项目），已授权发明专利2项和受理发明专利3项（第一发明人），在Hepatology, J Hepatol, Cell Res等SCI收录杂志和国内重要学术刊物上发表文章50余篇，参与撰写专著1部。以第一完成人身份完成的科研成果荣获“吉林省自然科学奖”二等奖1项、吉林省自然科学学成果奖一等奖1项、吉林省自然科学学成果奖二等奖1项、吉林省科学技术进步奖三等奖1项等9项奖励。代表性成果如下：</p> <ol style="list-style-type: none"> 1. A PSTAIRE-like protein is localized in nuclei and cytoplasm of Physarum polycephalum and functions in the mitosis. Cell Res, 2004, 14 (2): 169-175 2. Cyclooxygenase-2 prevents Fas-induced liver injury through up-regulation of epidermal growth factor receptor. Hepatology, 2009, 50 (3) : 834-843. 3. Cytosolic phospholipase A2α and PPAR-γ signaling pathway counteracts TGF-β-mediated inhibition of primary and transformed hepatocyte growth. Hepatology, 2010, 52(2): 644-655. 4. Cytosolic phospholipase A2α protects against Fas-but not LPS-induced liver injury. J Hepatol, 2011, 55(6):1281-1290. 5. Characterization of the interaction between eupatorin and bovine serum albumin by spectroscopic and molecular modeling methods. Int J Mol Sci, 2013, 14(7): 14185-14203. 6. Role of hepatic resident and infiltrating macrophages in liver repair after acute injury. Biochem Pharmacol, 2013, 86(6): 836-843. 7. 16p13.3 duplication associated with non-syndromic pierre robin sequence with incomplete penetrance. Mol Cytogenet, 2014, 7(1): 76

8. Interaction of AIM with insulin-like growth factor-binding protein-4. *Int J Mol Med*, 2015, 36(3): 833-838.
9. Molecular characterization of 20 small supernumerary marker chromosome cases using array comparative genomic hybridization and fluorescence in situ hybridization. *Sci Rep*, 2017, 7(1):10395. doi: 10.1038/s41598-017-10466-z.
10. Exosome separation using microfluidic systems: size-based, immunoaffinity-based and dynamic methodologies. *Biotechnol J*, 2017, DOI: 10.1002/biot.201600699
11. Role of gp91^{phox} in hepatic macrophage programming and alcoholic liver disease. *Hepatol Commun*, 2017, 1(8): 765-779.
12. Prokaryotic expression, purification and characterization of human cyclooxygenase-2. *Int J Mol Med*, 2017, 40:75-82.
13. Effects of metal ions on the structure and activity of a human anti-cyclin D1 single-chain variable fragment AD5. *Mol Med Reports*, 2017, 16:1314-1320.
14. New cofactors and inhibitors for a DNA-cleaving DNase: superoxide anion and hydrogen peroxide mediated an oxidative cleavage process. *Sci Rep*, 2017, 7(1): 378. doi: 10.1038/s41598-017-00329-y.
15. Subunits of human condensins are potential therapeutic targets for cancers. *Cell Div*, 2018, 13: 2.
16. Extraction of cell-free whole blood plasma using a dielectrophoresis - based microfluidic device. *Biotechnol J*, 2019, 14(3): 1800181.
17. Intrabody against prolyl hydroxylase 2 promotes angiogenesis by stabilizing hypoxia-inducible factor-1 α . *Sci Rep*, 2019, 9(1):11861.
18. TRIM59 loss in M2 macrophages promotes melanoma migration and invasion by upregulating MMP-9 and Madcam1. *Aging (Albany NY)*, 2019, 11(19):8623-8641.

19. TRIM59: A membrane protein expressed on Bacillus Calmette-Guérin-activated macrophages that induces apoptosis of fibrosarcoma cells by direct contact. *Exp Cell Res*, 2019, 384(1):111590.
20. Intrabody against prolyl hydroxylase 2 ameliorates acetaminophen-induced acute liver injury in mice via concomitant promotion of angiogenesis and redox homeostasis. *Biomed Pharmacother*, 2020, 123:109783.
21. Cancer liquid biopsy using integrated microfluidic exosome analysis platforms. *Biotechnol J*, 2020, 15(5):1900225.
22. Separation of macrophages using a dielectrophoresis-based microfluidic device. *BioChip J* (<https://link.springer.com/journal/13206>), 2020, 14(2): 185 - 194.
23. A cyclin D1-specific single-chain variable fragment antibody that inhibits HepG2 cell growth and proliferation. *Biotechnol J*, 2020, 15(8):1900430.
24. 一种肿瘤细胞特异性真核表达载体, 中国, 发明专利, ZL 200410011191.8
25. 一种抗肿瘤人源单链抗体, 中国, 发明专利, ZL 201010104607.6
26. 一种内置透明电极的全透明微流控芯片及其制备方法, 中国, 发明专利, ZL 201710644638.2
27. 一种实现全血血浆持续分离的微流控器件及其分离方法, 中国, 发明专利, ZL 201710644637.8
28. 一种人源单链抗体及其应用, 中国, 发明专利, ZL 201711449190.5
29. 一种抗环氧合酶人源单链抗体. 专利申请号: 201310507280.0
30. 一种人源单链抗体及其应用. 专利申请号: 201711449190.5
31. 《合成生物学与合成酶学》. 科学出版社, 2012年

版权所有：吉林大学生命科学学院 2020 © 电话：+(86)-431-85155130 地址：吉林省长春市前进大街2699号生命
科学楼 邮编：130012