

罗广彬简历（申请人）

罗广彬 北京中医药大学，肿瘤转化医学研究所所长，特聘教授

美国凯斯西储大学，遗传与基因组学系，终身副教授

受教育经历（从大学本科开始，按时间倒排序）

1986/09-1992/08，美国依利诺斯大学，遗传学系，博士

1981/09-1985/07，中国农业大学，农学系，学士

研究工作经历（按时间倒排序）

2013/11-至今，北京中医药大学特聘教授，肿瘤临床前转化医学中心主任

2010/04-至今，美国凯斯西储大学，遗传与基因组学系，终身副教授

2000/05-2010/04，美国凯斯西储大学，遗传与基因组学系，助理教授

1997/10-至今，美国凯斯癌症研究所，研究员

1991/08-1996/08，美国德克萨斯大学，安德森癌症中心人类遗传系，博士后研究助理

1991/08-1996/08，美国贝勒医学院，分子与人类遗传系，博士后研究助理

1986/09-1992/08，美国依利诺斯大学，研究生研究助理

主要论著（近 5 年来已发表的与本项目有关的主要论著目录和获得学术奖励情况）

期刊论文（注：*为通信作者或共通通信作者）。

1. Mei Q, Chen M, Lu X, Li X, Duan F, Wang M, **Luo G***, and Han W. An open-label, single-arm, phase I/II study of lower-dose decitabine based therapy in patients with advanced hepatocellular carcinoma. *Oncotarget* 2015 (in press).
2. Wu Z, Wang C, Bai M, Li X, Mei Q, Li X, Wang Y, Fu X, **Luo G**, and Han W. An LRP16-containing preassembly complex contributes to NF- κ B Activation Induced by DNA Double-Strand Breaks. *Nucleic Acids Res* 2015 (in press).
3. Tan X, Wang H, **Luo G**, Ren S, Li W, Cui J, Gill HS, Fu SW, Lu Y. Clinical significance of a point mutation in DNA polymerase beta (POLB) gene in gastric cancer. *Int J Biol Sci*. 11(2):144-55, 2015.
4. Sharma A, Nguyen H, Geng C, Hinman MN, **Luo G**, Lou H. (2014). Calcium-mediated histone modifications regulate alternative splicing in cardiomyocytes. *Proc Natl Acad Sci*. 111(46):E4920-8, 2014.

5. Huang G, Huang S, Yan X, Yang P, Li J, Xu W, Zhang L, Wang R, Yu Y, Yuan S, Chen S, **Luo G**, and Xu A . Two apextrin-like proteins mediate extracellular bacterial agglutination and intracellular bacterial recognition in amphioxus. *Proc Natl Acad Sci.* 111(37):13469-74, 2014
6. Hinman M, Sharma A, **Luo G*** and Lou H, Neurofibromatosis Type 1 Alternative Splicing is a Key Regulator of Ras Signaling in Neurons. *Mol. Cell. Biol.* 34(12):2188, 2014
7. Wu C, Qiu S, Lu L, Zou J, Li W-F, Wang O, Zhao H, Wang H, Tang J, Xu T, Sun Z, Liao W, **Luo G**, and Lu X, RSPO2-LGR5 signaling has tumour-suppressive activity in colorectal cancer, *Nat Commun*, 5, 3149, 2014
8. Zhou HL, **Luo G**, Wise JA, Lou H, Regulation of alternative splicing by local histone modifications: potential roles for RNA-guided mechanisms. *Nucleic Acids Res*, 42(2), 701, 2014
9. Chen X, Hausman BS, **Luo G**, Zhou G, Murakami S, Rubin J, and Greenfield EM, Protein Kinase Inhibitor c Reciprocally Regulates Osteoblast and Adipocyte Differentiation by Downregulating Leukemia Inhibitory Factor. *Stem Cell*, 31, 2789, 2013
10. Zhou HL, Geng C, **Luo G**, Lou H, The p97-UBXD8 complex destabilizes mRNA by promoting release of ubiquitinated HuR from mRNP. *Genes & Dev*, 27(9), 1046, 2013
11. Zhou HL, Hinman MN, Barron VA, Geng C, Zhou G, **Luo G**, Siegel RE, and Lou H, Hu proteins regulate alternative splicing by inducing localized histone hyperacetylation in an RNA-dependent manner. *Proc Natl Acad Sci U S A.* 108, E627-35, 2011
12. Wang X, Lu X, Zhou G, Lou H, **Luo G***, RECQL5 is an important determinant for camptothecin tolerance in human colorectal cancer cells. *Biosci. Rep*, 31, 363-369, 2011
13. Lu X, Lou H, and **Luo G*** , A Blm-Recql5 Partnership in Replication Stress Response. *J. Mol. Cell Biol*, 3, 31-8, 2011
14. Lu X, Guo H, Molter J, Miao H, Gerber L, Hu Y, Barnes EL, Vogel H, Lee Z, and **Luo G***, and Wang B, Alpha-fetoprotein-Thymidine Kinase-Luciferase Knockin Mice: A Novel Model for Dual Modality Longitudinal Imaging of Tumorigenesis in Liver. *J. Hepatol*, 55, 96-102, 2011

15. Ochs-Balcom HM, Thompson CL, Plummer S, **Luo G**, Tucker TC, Casey G, Li L, A RecQ Protein-like 5 haplotype is Associated with Colon Cancer. *Gastroentol. Res.* 3(3), 101, 2010
16. Zhou G, Liu Y, Wu S-Y, Tie F, Lou H, Chiang C-M, and **Luo G***, Identification and characterization of a RECQL5-containing Supper Complex. *Int. J. Biochem. Mol. Biol.* 1(1), 101-11, 2010
17. Hu Y, Lu X, **Luo G***, The effect of Recql5 deficiency on the intestinal tumor susceptibility of *Apc^{min}* mice. *World J. Gastroentrol*, 16(12), 1482-6, 2010

承担课题情况

1. 北京中医药大学校内自主课题项目类, 3900000202、新药研发临床前平台的建设及应用、2014/10-2016/12、200 万元、未结题、项目负责人。
2. SDRC, Case Western Reserve University, School of Medicine. Inhibiting RECQL5 for Therapeutic Gains. 2012/6-2014/6、24 万美金、结题、项目负责人。
3. Cancer-Aging Pilot Grant, Case Comprehensive Cancer Center, Cleveland, Ohio. To Establish a System in Mouse ES Cells for Addressing Various Issues Related to Recql4 Functions、2009/9-2011/8、69 万美元、结题、项目负责人。
4. National Institutes of Health, USA. RO1-CA114535. Recq14, chromosome instability and cancer predisposition. 2006/3-2011/2、823 万美元、结题、项目负责人。
5. GI SPORE Pilot Grant, Case Comprehensive Cancer Center, Cleveland, Ohio. RECQL5 as a Potential Predictive Classifier for Irinotecan-Based Therapies. 2009/11-2010/10、64 万美元、结题、项目负责人。
6. National Institutes of Health, USA. RO1-CA112094. Genetic control of mitotic recombination in mice. 2005/6-2010/5、906 万美元、结题、项目负责人。