



首页» 教师队伍» 博士生导师

教师队伍

▶ 博士生导师

两院院士

人才计划

博士生导师

个人主页

王文恭 教授

发布日期: 2014-10-14



研究方向: 转录因子与RNA结合蛋白介导的基因调控机制, 非编码RNA的作用。

实验室人员:

教工: 王文恭教授 (wwg@bjmu.edu.cn)

张晓伟副教授 (xiaoweizhang@bjmu.edu.cn)

姜彬主管技师 (jiangbinxia@sina.com.cn)

研究生: 徐芳, 刘振云, 唐颤, 伊洁, 袁帅, 庞丽君, 王维斌, 潘克武, 陈伊凡

Publications:

1. Chang N, Yi J, Guo G, Liu X, Shang Y, Tong T, Cui Q, Zhan M, Gorospe M, and Wang W. 2010. HuR uses AUFI as a cofactor to promote p16INK4 mRNA decay. Mol. Cell. Biol. 30:3875-86.

2. Li H, Wang W, Liu X., Pauson EK, Yee AS, Zhang X. Transcriptional factor HBP1 targets P16INK4A, upregulating its expression and consequently is involved in Ras-induced premature senescence. Oncogene, 2010, 29:5083-5094.

3. Yi J, Chang N, Liu X, Guo G, Xue L, Tong T, Gorospe M, and Wang W. 2010. Reduced Nuclear Export of HuR mRNA by HuR Is Linked to the Loss of HuR in Replicative Senescence. Nucleic Acids Res. 38:1547-58.

4. Guo G, Ma L, Jiang B, Yi J, Tong T, and Wang W. 2010. Hydrogen peroxide induces p16INK4 through an AUFI-dependent manner. J. Cell. Biochem. 109:1000-1005.

5. Xu F, Zhang X, Lei Y, Liu X, Liu Z, Tong T, Wang W. 2010. Loss of repression of HuR translation by miR-16 may be responsible for the elevation of HuR in human breast carcinoma. J Cell Biochem. 111:727-734.

6. Ma L, Chang N, Guo S, Zhang Z, Wang W, and Tong T. 2008. CSIG Regulates PTEN Translation in Replicative Senescence. Mol. Cel. Biol., 28:6290-301.

7. Wu J, Xue L, Weng M, Sun Y, Zhang Z, Wang* W, and Tong T. 2007. Sp1 is Essential for p16INK4a Expression in Human Diploid Fibroblasts during Senescence. PLOS ONE, 1(e164):1-8.

8. Wang W, Yang X, Martindale J, and Gorospe M. 2005. AUFI-Mediated mRNA Turnover is Responsible for Up-regulation of p16 during Replicative Senescence. EMBO Rep., 6: 158-164.

9. Wang W*, Yang X, Kawai T, Lopez De Silanes I, Mazan-Mamczarz K, Chen P, Chook Y, Quensel C, Kohler M, Gorospe M. 2004. AMPK-Regulated Acetylation and Phosphorylation of Importin-a1: Involvement in the Nuclear Import of RNA-binding Protein HuR. *J. Biol. Chem.*, 279: 48376-88.
10. Yang X, Wang W, Fan J, Lal A, Yang D, Cheng H, and Gorospe M. 2004. Prostaglandin A2-mediated Stabilization of p21 mRNA through an ERK-dependent Pathway Requiring RNA-binding Protein HuR. *J. Biol. Chem.*, 279: 49298-306.
11. Galban S, Martindale J, Fan J, Lopez I, Mazan-Mamczarz K, Wang W, Decker J, and Gorospe M. 2003. Influence of RNA-Binding Protein HuR in pVHL-Regulated p53 Expression in Renal Carcinoma Cells. *Mol. Cel. Biol.*, 23 : 7083-7095.
12. Wang W, Yang X, Lopez I, Carking D, and Gorospe M. 2003. Increased AMP: ATP Ratio and AMP-activated Protein Kinase Activity during Cellular Senescence Linked to Reduced HuR Function. *J. Biol. Chem.*, 278: 27016-27023.
13. Fan J, Yang X, Wang W, Wood III WH, Becker KG., and Gorospe M. 2002. Global Analysis of Stress-Regulated mRNA Turnover by Using cDNA Arrays. *Proc. Natl. Acad. Sci. USA*, 99: 10611-10616.
14. Wang W, Fan J, Yang X, Furer-Galban S, Lopez I, Kobbe C, Guo J, Georas S, Foufelle F, Hardie D, Carking D, and Gorospe M. 2002. AMP-Activated Kinase Regulates Cytoplasm HuR, *Mol. Cel. Biol.*, 22 : 3425-3436.
15. Wang W, Yang X, Cristofalo V, Holbrook N, and Gorospe M. 2001. Loss of HuR is Linked to Reduced Expression of Proliferative Genes during Replicative Senescence. *Mol. Cel. Biol.*, 21: 5889-5898.
16. Lin S, Wang W, Wilson G.M, Brewer G., Holbrook N, and Gorospe M. 2000. Down-regulation of Cyclin D1 Expression by Prostagladin A2 Is Mediated by Enhanced mRNA Turnover Associated with Binding of AUF1. *Mol. Cel. Biol.*, 20 : 7903-7913.
17. Wang W, Caldwell MC, Lin S, Furneaux H, and Gorospe M. 2000. HuR Regulates Cyclin A and Cyclin B1 mRNA Stability during Cell Proliferation. *EMBO J.*, 19: 2340-2350.
18. Wang W, Furneaux H, Caldwell MC, Hutter C, Holbrook N, and Gorospe M. 2000. HuR Regulates p21 mRNA Stabilization by Ultraviolet light. *Mol. Cel. Biol.*, 20:760-769, 2000.
19. Wang W and Passaniti A. 1999. Extracellular Matrix Inhibits Apoptosis and Enhances Endothelial Differentiation by a NF-kB-dependent Mechanism. *J. Cell. Biochem.*, 73: 321-331.

快速链接

北京大学 北京大学医学部



版权所有©北京大学北京大学基础医学院
地址：北京市海淀区学院路38号
邮编：100191
联系我们：
yuanzhangxx@bjmu.edu.cn