

代 荣 阳

职称： 教授

学院/部门：泸州医学院基础医学院生物化学教研室

电邮地址：dryrun2502@163.com

电话： 0830-2583739

传真： 0830-3163866

邮寄地址：四川省泸州市香林路1号泸州医学院生
物化学教研室



教研领域

教学科目：

生物化学、分子生物学、细胞生物学

研究方向：

肿瘤分子生物学、肝胆肿瘤基础与临床、内质网应激

学历

2006-2009 上海交通大学/肿瘤学/博士学位

2003-2006 泸州医学院/生理学/硕士学位

1996-2001 泸州医学院/临床医学/学士学位

教研经验

2001.9-2005.7 泸州医学院/基础医学院/助教

2006.9-2009.7 泸州医学院/基础医学院/讲师

2010.9-2012.11 第二军医大学/东方肝胆外科医院/博士后/副教授

2012.12-2013.10 泸州医学院/基础医学院/副教授

2013. 11-现在 哈佛医学院/儿童医院/访问学者

学术成果

主要论文：(*, 通讯作者; +并列第一)

- [01]Feng C, He K, Zhang C, Su S, Li B, Li Y, Duan CY, Chen S, Chen R, Liu Y, Li H, Wei M, Xia X, **Dai R*** (**代荣阳**). JNK Contributes to the Tumorigenic Potential of Human Cholangiocarcinoma Cells through the mTOR Pathway Regulated GRP78 Induction. *PLoS One*. 2014;9(2):e90388. (IF: 3.73)
- [02]**RY Dai(代荣阳)**, XF Zhao, JJ Li, R Chen, ZL Luo, LX Yu, SK Chen, CY Zhang, CY Duan, YP Liu, CH Feng, XM Xia, H Li, J Fu, **HY Wang*(王红阳)**. Implication of transcriptional repression in compound C-induced apoptosis in cancer cells. *Cell Death Dis*. 2013;4:e883. (IF: 6.044, 引用次数:1)
- [03]Chen R, Duan CY, Chen SK, Zhang CY, He T, Li H, Liu YP, **Dai RY*(代荣阳)**. The suppressive role of p38 MAPK in cellular vacuole formation. *J Cell Biochem*. 2013;114:1789-99. (IF: 3.062)
- [04]Chen R, Li J, Feng C, Chen S, Liu Y, Duan C, Li H, Xia X, He T, Wei M, **Dai R*(代荣阳)**. c-Met function requires N-linked glycosylation modification of pro-Met. *J Cell Biochem*. 2013;114(4):816-22. (IF:3.062, 引用次数:2)
- [05]**Dai R(代荣阳)**, Li J, Fu J, Chen Y, Wang R, Zhao X, Luo T, Zhu J, Ren Y, Cao J, Qian Y, Li N, **Wang H*(王红阳)**. The Tyrosine Kinase c-Met Contributes to the Pro-tumorigenic Function of the p38 Kinase in Human Bile Duct Cholangiocarcinoma Cells. *J Biol Chem*. 2012;287(47):39812-23. (IF:4.651, 引用次数:6)
- [06]**Dai R(代荣阳)**, Li J, Fu J, Chen Y, Yu L, Zhao X, Qian Y, Zhang H, Chen H, Ren Y, Su B, Luo T, Zhu J, **Wang H*(王红阳)**. Disturbance of Ca²⁺ homeostasis converts pro-Met into non-canonical tyrosine kinase p190Met^{NC} in response to endoplasmic reticulum stress in MHCC97 cells. *J Biol Chem*. 2012;287(18):14586-97. (IF:4.651, 引用次数:7)
- [07]**Dai R(代荣阳)**, Yan D, Li J, Chen S, Liu Y, Chen R, Duan C, Wei M, **Li H*(李洪)**, He T. Activation of PKR/eIF2 α signaling cascade is associated with dihydrotestosterone-induced cell cycle arrest and apoptosis in human liver cells. *J Cell Biochem*. 2012;113(5):1800-8. (IF:3.062, 引用次数:10)
- [08]Run Chen, **Rongyang Dai(代荣阳)**⁺, Chunyan Duan, Youping Liu, Shaokun Chen, Dongmei Yan, Chuanning

- Chen, Mei Wei, **Hong Li*(李洪)**. Unfolded Protein Response Suppresses Cisplatin-induced Apoptosis via Autophagy Regulation in Human Hepatocellular Carcinoma Cells. *Folia Biol (Praha)*. 2011;57(3):87-95. (IF:1.101, 引用次数:23)
- [09]Liu Y, Liu P, **Dai R(代荣阳)** ⁺, Wang J, Zheng Y, Shen J, Guo F, Wang L, Li H, **Wei M*(魏喟)**. Analysis of plasma proteome from cases of the different traditional Chinese medicine syndromes in patients with chronic hepatitis B. *J Pharm Biomed Anal*. 2012;59:173-8. (IF:2.967, 引用次数:11)
- [10]**Rongyang Dai(代荣阳)**, Juan Li, Youping Liu, Dongmei Yan, Shaokun Chen, Chunyan Duan, Xiaoyan Liu, Tao He, **Hong Li*(李洪)**. MiR-221/222 suppression protects against endoplasmic reticulum stress-induced apoptosis via p27^{Kip1}- and MEK/ERK-mediated cell cycle regulation. *Biol Chem*. 2010;391(7):791-801. (IF:2.683, 引用次数:28)
- [11]**Rongyang Dai(代荣阳)**, Shaokun Chen, Dongmei Yan, Run Chen, Youping Liu, Chunyan Duan, Juan Li, Tao He, **Hong Li*(李洪)**. PI3K/Akt promotes GRP78 accumulation and inhibits endoplasmic reticulum stress-induced apoptosis in HEK293 cells. *Folia Biol(PRAHA)*. 2010;56(2):37-46. (IF:1.101, 引用次数:15)
- [12]**Rong-Yang Dai(代荣阳)**, Yao Chen, Jing Fu, Li-Wei Dong, Yi-Bin Ren, Guang-Zhen Yang, You-Wen Qian, Jie Cao, Shan-Hua Tang, Sheng-Li Yang and **Hong-Yang Wang*(王红阳)**. p28^{GANK} inhibits endoplasmic reticulum stress-induced cell death via enhancement of the endoplasmic reticulum adaptive capacity. *Cell Res*. 2009;19(11):1243-57. (IF:10.526, 引用次数:26)
- [13]**Dai R(代荣阳)**, Chen R, **Li H*(李洪)**. Cross-talk between PI3K/Akt and MEK/ERK pathways mediates endoplasmic reticulum stress-induced cell cycle progression and cell death in human hepatocellular carcinoma cells. *Int J Oncol*. 2009;34(6):1749-57. (IF:2.657, 引用次数:51)
- [14]Zhang HL, Yu LX, Yang W, Tang L, Lin Y, Wu H, Zhai B, Tan YX, Shan L, Liu Q, Chen HY, **Dai RY(代荣阳)**, Qiu BJ, He YQ, Wang C, Zheng LY, Li YQ, Wu FQ, Li Z, Yan HX, **Wang HY*(王红阳)**. Profound impact of gut homeostasis on chemically-induced pro-tumorigenic inflammation and hepatocarcinogenesis in rats. *J Hepatol*. 2012;57(4):803-12. (IF:9.858, 引用次数:9)
- [15]Cao J, Chen Y, Fu J, Qian YW, Ren YB, Su B, Luo T, **Dai RY(代荣阳)**, Huang L, Yan JJ, Wu MC, Yan YQ,

Wang HY*(王红阳). High Expression of Proline-Rich Tyrosine Kinase2 is Associated with Poor Survival of Hepatocellular Carcinoma via Regulating Phosphatidylinositol 3-Kinase/AKT Pathway. *Ann Surg Oncol*. 2013; 20(Suppl 3):S312-23. [Epub ahead of print] (IF:4.12, 引用次数:3)

[16]Qian YW, Chen Y, Yang W, Fu J, Cao J, Ren YB, Zhu JJ, Su B, Luo T, Zhao XF, **Dai RY(代荣阳)**, Li JJ, Sun W, Wu MC, Feng GS, **Wang HY*(王红阳)**. p28^{GANK} prevents degradation of Oct4 and promotes expansion of tumor-initiating cells in hepatocarcinogenesis. *Gastroenterology*. 2012;142(7):1547-58. (IF:12.821, 引用次数:13)

[17]Li-wei Dong, Guang-zhen Yang, Yu-fei Pan, Yao Chen, Ye-xiong Tan, **Rong-yang Dai(代荣阳)**, Yi-bin Ren, Jing Fu, **Hong-yang Wang*(王红阳)**. The oncoprotein p28^{GANK} establishes a positive feedback loop in β -catenin signaling. *Cell Res*. 2011;21(8):1248-61. (IF:10.526, 引用次数:17)

[18]冯春红,陈润,陈绍坤,李娟,段春燕,刘友平,李洪,代荣阳*. 真核起始因子 2 α 的磷酸化抑制顺铂介导的肝癌细胞凋亡. *中华肝脏病杂志*, 2013;21(04):290-4. (Medline 收录)

主持的主要研究项目

- 2015-2018 国家自然科学基金:非内质网应激依赖性的真核生物翻译起始因子 2 α 异常磷酸化在胆管癌进展和耐药中的作用及其机制
- 2013-2015 四川省杰出青年学术技术带头人培育计划:骨形成蛋白受体抑制剂 Dorsomorphin 对肝癌的抑制作用及其分子机理研究
- 2012-2012 国家自然科学基金:非 UPR 信号通路在内质网应激诱导肝细胞脂代谢紊乱中的作用
- 2011-2014 教育部新世纪优秀人才支持计划:内质网应激与脂代谢紊乱的相互调控在肝细胞凋亡中的作用
- 2011-2013 国家自然科学基金:膜联蛋白 A1/A2 在肝癌细胞抵抗内质网应激凋亡中的机制