



320-323. 胃癌组织中miR-29的表达及其临床意义[J]. 陈陵, 王宗华, 李学成, 邹利全, 范亚川, 刘志鹏, 熊晓峰. 中国肿瘤生物治疗杂志, 2011, 18(3)

**胃癌组织中miR-29的表达及其临床意义** [点此下载全文](#)

[陈陵](#) [王宗华](#) [李学成](#) [邹利全](#) [范亚川](#) [刘志鹏](#) [熊晓峰](#)

解放军第324医院 消化内科, 重庆400020; 第三军医大学 护理学院, 重庆 400038; 解放军第324医院 消化内科, 重庆400020; 解放军第324医院 消化内科, 重庆400020; 解放军第324医院 消化内科, 重庆400020; 解放军第324医院 消化内科, 重庆400020; 解放军第324医院 消化内科, 重庆400020

**基金项目:** 重庆市自然科学基金资助项目 (No. 2008BB5274, No. 2009BB5314, No. 2010BB5158)

DOI:

**摘要:**

目的: 研究胃癌组织中miR-29的表达情况及其与临床病理特征和预后的关系。方法: 收集2005年至2010年中国人民解放军第324医院收治的进展期胃癌113例患者的手术标本, 定量PCR检测胃癌组织及癌旁组织内miR-29的表达, 并分析其与胃癌患者临床病理特征的关系。结果: 胃癌组织内miR-29的表达显著低于对应的癌旁组织 ( $2.62 \pm 1.17$  vs  $3.14 \pm 1.70$ ,  $P = 0.006$ ), 伴淋巴结转移的胃癌患者低表达miR-29百分率显著高于无淋巴结转移组 (58.9% vs 32.5%,  $P = 0.007$ ), miR-29低表达胃癌患者中位生存率显著低于miR-29高表达者 (33.0 vs 44.0个月,  $P = 0.013$ )。结论: 胃癌组织低表达miR-29, miR-29有可能成为胃癌的预后判断指标及治疗靶标。

**关键词:** [胃癌](#) [microRNA](#) [miR-29](#) [转移](#) [预后](#)

Expression of miR-29 in gastric cancer and its clinical significance [Download Fulltext](#)

[CHEN Ling](#) [WANG Zong-hua](#) [LI Xue-cheng](#) [ZOU Li-quan](#) [FAN Ya-chuan](#) [LIU Zhi-peng](#) [XIONG Xiao-feng](#)

Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China; Nursing School, Third Military Medical University, Chongqing 400038, China; Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China; Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China; Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China; Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China; Department of Gastroenterology, No. 324 Hospital of PLA, Chongqing 400020, China

Fund Project: Project supported by the Natural Science Foundation of Chongqing (No.2008BB5274, No.2009BB5314, No.2010BB5158)

Abstract:

Objective: To explore the expression of miR-29 in gastric cancer and its relationship with clinic pathological features and prognosis of gastric cancer. Methods: Totally 113 gastric cancer samples were obtained from patients who received operation during 2005 to 2010 in the No. 324 Hospital of PLA. The expression of miR-29 in gastric cancer and paracancerous tissues was detected by real-time PCR, and its relationship with clinic pathological features of gastric cancer was analyzed. Results: The expression of miR-29 in gastric cancer tissues was significantly lower than that in paracancerous tissues ( $2.62 \pm 1.17$  vs  $3.14 \pm 1.70$ ,  $P = 0.006$ ). The rate of low miR-29 expression in patients with lymph node metastases was significantly higher than that without lymph node metastases (58.9% vs 32.5%,  $P = 0.007$ ). The median survival rate in low miR-29 expression cases was significantly lower than that in high miR-29 expression cases (33.0 vs 44.0 month,  $P = 0.013$ ). Conclusion: miR-29 is lowly expressed in gastric cancer tissues, and it might be used for prediction of prognosis and as for targeted treatment of gastric cancer.

Keywords: [gastric cancer](#) [microRNA](#) [miR-29](#) [metastasis](#) [prognosis](#)

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)

Copyright © Biother.Org™ All Rights Reserved

主管单位: 中国科学技术协会 主办单位: 中国免疫学会、中国抗癌学会  
地址: 上海市杨浦区翔殷路800号 邮政编码: 200433 京ICP备06011393号-2  
本系统由北京勤云科技发展有限公司设计