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CD40和CXCR4在人宫颈癌组织中的表达及其与肌层浸润的相关性 [点此下载全文](#)

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摘要:

目的: 检测CXC趋化因子受体4 (C-X-C chemokine receptor type 4, CXCR4) 和CD40在人宫颈癌组织中的表达及其与肌层浸润的相关性。方法: 53例宫颈癌患者收集自苏州大学附属第一医院妇产科 (2009年至2011年), 年龄29~53岁, 中位年龄41岁。分析两者表达水平和宫颈癌肌层浸润程度的相关性。结果: CD40和CXCR4在宫颈癌组织中正相关 ( $P = 0.035$ ); 22例CXCR4强阳性的组织中有11例呈CD40强阳性。与CXCR4或CD40单独表达水平相比, 两者更具相关性, 在CXCR4与CD40均高表达的宫颈癌组织中发生深层肌层浸润的比例高于单独高表达的宫颈癌组织 (90% vs 20%,  $P < 0.01$ )。结论: CXCR4 和CD40在宫颈癌组织中的表达与宫颈

关键词: [宫颈癌](#) [CD40](#) [CXCR4](#) [肌层浸润](#)

Expressions of CXCR4 and CD40 in human cervical carcinoma and their correlation with myometrial

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Abstract:

Objective: To assess the expressions of CXC chemokine receptor 4 (CXCR4) and CD40 in human cervical carcinoma and their correlation with the depth of the myometrial invasion. Methods: The expressions of CXCR4 and CD40 in 53 cases of cervical carcinoma tissues were detected by immunohistochemistry. Results: CD40 and CXCR4 were expressed in cervical carcinoma tissues at different levels, and there was a positive correlation between the expressions of these two proteins and the depth of myometrial invasion ( $P = 0.035$ ). Of 22 cases which highly expressed CXCR4, 11 were found with a high expression of CD40. The correlation between the expressions of CXCR4 and CD40 was more relevant to the myometrial invasion than the expression of one of the molecules, or those (20%) without high expressions of these two molecules. Conclusion: The expressions of CXCR4 and CD40 in cervical carcinoma tissues are correlated with the depth of the myometrial invasion.

Keywords: [cervical carcinoma](#) [CD40](#) [CXCR4](#) [myometrial invasion](#)

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