

肿瘤防治

树突状细胞与胃间质瘤相关性的探讨

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收稿日期 2004-12-6 修回日期 2005-5-11 网络版发布日期:

摘要 背景与目的: 探讨树突状细胞与胃间质瘤的关系。方法: 应用免疫组织化学方法对86例胃内间叶源性肿瘤进行研究。结果: 证实胃间质瘤75例, 其中与树突状细胞相关的间质瘤(Dendritic cell stromal tumors, DCSTs)共22例, 患者均为成人, 年龄24~70岁(平均47.4岁), 临床最常见首发症状为消化道出血及腹痛。肿瘤体积最大径1.5~10.0cm, 以胃体部多见, 多数位于肌壁间。瘤细胞主要有2种形态 3种组合形式。本组肿瘤梭形细胞型3例, 上皮细胞型8例, 混合细胞型11例, 良性5例, 交界性5例, 恶性12例。DCSTs免疫组织化学检测: CD14阳性22例, CD1 α 阳性17例, 且大多数呈弥漫强阳性表达; CD117及CD34均为弥漫强阳性。结论: 胃肠道间质瘤与树突状细胞存在密切联系, 前者可能起源于DC或前者分化为后者, 两者之间的关系有待进一步研究。

关键词 [树突状细胞](#); [胃肠道间质瘤](#); [免疫组织化学](#); [组织起源](#)

Study of the Correlation Between Dendritic Cell and Gastrointestinal Stromal Tumors

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Abstract **BACKGROUND & AIM:** The aim of this study was to investigate the correlation between dendritic cell(DC) and gastrointestinal stromal tumors(GISTs). **MATERIAL AND METHODS:** Eighty-six cases of the mesenchymal tumors in the alimentary tract were studied by light microscopy and immunohistochemistry. **RESULTS:** There were 22 dendritic cell stromal tumors (DCSTs)among the 75 cases of confirmed gastrointestinal stromal tumors. The patients were adults, ranging from 24 to 70 years(mean 47.4 year), 11 male and 11 female. The most common symptom was GI bleeding. The tumor size ranged from 1.5 cm to 10.0 cm in the maximal diameter. Microscopically, the tumors were composed of spindle cells (3 cases), epithelioid cells (8 cases) and of both cells (11 cases). Five cases were benign, 5 were borderline and 12 were malignant. Immunohistochemically, CD1 α ,CD14, CD117 and CD34 all showed diffuse strong expression. **CONCLUSION:** GISTs had a close association with dendritic cells,GISTs might have originated from the precursor dendritic cells or GISTs differentiated into dendritic cells. The relationship between them deserves further studies.

Keywords [dendritic cell](#) [gastrointestinal stromal tumors](#) [immunohistochemistry](#) [tissue origin](#)

DOI

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