

[返回首页](#)
[期刊介绍](#) | [编委会](#) | [稿约](#) | [欢迎订阅](#) | [广告合作](#) | [获奖情况](#) | [检索库收录情况](#) | [联系我们](#) | [English](#)

中国寄生虫学与寄生虫病杂志 » 2011, Vol. 29 » Issue (4) :271-273 DOI:

[研究简报](#)
[最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)
[<< Previous Articles](#) | [Next Articles >>](#)

家蝇天蚕素对人肝癌BEL-7402细胞的作用靶点

金小宝, 李小波, 朱家勇, 卢雪梅, 沈娟, 褚夫江, 梅寒芳

广东药学院基础学院, 广东省生物活性药物研究重点实验室, 广州510006

The Target of *Musca domestica* Cecropin on Human Hepatocellular Carcinoma BEL-7402 Cells

JIN Xiao-Bao, Li-Xiao-Bo, Zhu-Jia-Yong, Lu-Xue-Mei, Shen-Juan, Chu-Fu-Jiang, Mei-Han-Fang

School of Basic Courses, Guangdong Pharmaceutical University, Guangdong Provincial Key Laboratory of Pharmaceutical Bioactive Substances, Guangdong Pharmaceutical University, Guangzhou 510006, China

[摘要](#)[参考文献](#)[相关文章](#)
 Download: [PDF \(257KB\)](#) | [HTML 1KB](#) | Export: [BibTeX](#) or [EndNote \(RIS\)](#) | [Supporting Info](#)

摘要 将家蝇天蚕素(终浓度50 μmol/L)加入对数生长期的人肝癌BEL-7402细胞中作用12 h, 扫描电镜观察天蚕素对人肝癌细胞细胞膜的影响。在此基础上, 采用绿色荧光素异硫氰酸(FITC)标记天蚕素, 运用激光共聚焦显微镜观察FITC标记的天蚕素与人肝癌细胞细胞膜的作用。肿瘤细胞经天蚕素作用12 h后, 扫描电镜显示细胞膜表面微绒毛大部分消失; 激光共聚焦显微镜显示大部分天蚕素与细胞膜结合, 细胞内也发现部分天蚕素进入。

关键词: 扫描电镜; 激光共聚焦显微镜; 天蚕素; 肿瘤细胞; 细胞膜

Abstract: Human hepatocellular carcinoma BEL-7402 cells were treated with 50 μmol/L *Musca domestica* cecropin for 12 h, and observed under scanning electron microscope. The effect of *Musca domestica* cecropin labeled with FITC (FITC-cecropin) on BEL-7402 cells was detected by laser scanning confocal microscopy. The scanning electron microscopy showed that most microvilli on the surface of BEL-7402 cells disappeared at 12 h after cecropin treatment. The laser scanning confocal microscopy revealed that most FITC-cecropin combined with BEL-7402 cell membrane, and partly in the cytoplasm.

Keywords: Scanning electron microscope; Laser scanning confocal microscope; Cecropin; Tumor cell; Membrane

引用本文:

金小宝, 李小波, 朱家勇, 卢雪梅, 沈娟, 褚夫江, 梅寒芳.家蝇天蚕素对人肝癌BEL-7402细胞的作用靶点[J] 中国寄生虫学与寄生虫病杂志, 2011,V29(4): 271-273

JIN Xiao-Bao, Li-Xiao-Bo, Zhu-Jia-Yong, Lu-Xue-Mei, Shen-Juan, Chu-Fu-Jiang, Mei-Han-Fang.The Target of *Musca domestica* Cecropin on Human Hepatocellular Carcinoma BEL-7402 Cells[J] , 2011,V29(4):271-273

Service

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ Email Alert
- ▶ RSS

作者相关文章

- ▶ 金小宝
- ▶ 李小波
- ▶ 朱家勇
- ▶ 卢雪梅
- ▶ 沈娟
- ▶ 褚夫江
- ▶ 梅寒芳