

综述

## Wnt/ $\beta$ -catenin信号转导通路与结直肠癌

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摘要

Wnt/ $\beta$ -catenin信号通路在调控细胞的生长、运动和分化, 以及在胚胎发育和肿瘤发生及侵袭转移过程中起重要作用。结直肠癌是一种高发病率高死亡率的恶性肿瘤, 近年来的研究进一步阐明Wnt/ $\beta$ -catenin信号转导通路在结直肠癌中所起的作用, 并且在实验性临床治疗上取得了一定的进展, 多种小分子复合物的发现和基因治疗的尝试给结直肠癌的治疗带来新希望。

关键词 [Wnt](#)  [\$\beta\$ -catenin](#) [结直肠癌](#)

分类号

## Wnt/ $\beta$ -catenin signal transduction pathway and colorectal cancer

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**Abstract**

Wnt/ $\beta$ -catenin pathway plays an important role in the process of cell growth, motility and differentiation, meanwhile it is also involved in the procedures of embryonic development, tumorigenesis, cancer aggression and metastasis. Colorectal cancer is a common malignancy with a high attack rate and death rate. Recently, the effect of Wnt/ $\beta$ -catenin pathway involved in colorectal cancer is elucidated much clearly. Based on the progress of experimental clinical therapeutic trials, a number of low molecular compounds and the attempts of gene therapy showed the promise of new treatment for colorectal cancer.

**Key words** [Wnt](#)  [\$\beta\$ -catenin](#) [colorectal cancer](#)

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