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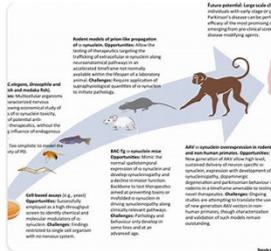
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Animal models of cathartic colon

Meng Y *et al.* Cathartic colon models

Yang-Yang Meng, Qiao-Dong Li, Ya Feng, Jie Liu, En-Kang Wang, Linda
Zhong, Qiao-Li Sun, Jian-Ye Yuan

Abstract
The incidence of cathartic colon has been increasing, but satisfactory

PAGE: 1 OF 11 Text-Only Report

A rat model of a cathartic colon was established by feeding the animals with phenolphthalein, while normal rats were used as a control. The **mRNA** and **protein** expression levels of the opioid receptors, RGS-4 and β -arrestin-2 were detected in the rat colon using semi-quantitative reverse transcription poly-

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Jan 07, 2007 · Thus, the model of **rats** with **cathartic colon** was established by feeding the **rats** with rhubarb for 3 months so as to illustrate the etiology of STC. Our in vitro studies showed that OFQ induced contractions of colonic longitudinal muscle strips.

Cited by: 7 **Author:** Hai-Yan Li, Xiang Yan, Quan-Lai Xue, Yo...

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