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### *Basic Study*

**Exploration of mitigating effect of colon-specific bioreversible codrugs of mycophenolic acid and aminosugars in experimental colitis model in Wistar rats**

Chopade SS *et al.* Co-drugs of mycophenolic acid and aminosugars

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作者: A Motavallian-Naeini - 2012 - 被引用次数: 25 - 相关文章

Trinitrobenzene sulfonic acid (TNBS)-induced colitis is one of the most common methods for studying inflammatory bowel disease in animal models. Several factors may ... TNBS was dissolved in 0.25 ml of ethanol (50% v/v) and instilled (25, 50, 100 and 150 mg/kg) intracolonicly to the male Wistar rats. After determination ...

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作者: AP Paiotti - 2012 - 被引用次数: 16 - 相关文章

2012年3月20日 - Thus, this study aimed to evaluate the effect of lumiracoxib, a selective-cyclooxygenase-2 (COX-2) inhibitor, and Etanercept (ETC), a TNF-α antagonist on the 2,4,6-trinitrobenzene sulfonic acid (TNBS)-induced experimental colitis. A total of 47 Wistar rats were randomized into seven groups, as follows: (1) ...

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### Effect of royal jelly on experimental colitis induced by acetic acid and ...

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作者: T Karaca - 2010 - 被引用次数: 16 - 相关文章

2010年12月21日 - Effect of royal jelly on experimental colitis induced by acetic acid and alteration of mast cell distribution in the colon of rats ... Twenty adult female Wistar albino rats were divided into four treatment groups of 5 animals each, including a control group (Group I); Group II was treated orally with RJ (150 mg kg<sup>-1</sup> ...

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### Dietary medium-chain triglycerides prevent chemically induced ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/20171598> - 翻译此页

作者: H Kono - 2010 - 被引用次数: 17 - 相关文章

2009年9月22日 - The effects of dietary medium-chain triglycerides (MCTs) on experimental colitis induced by 2,4,6-trinitrobenzene sulfonic acid (TNBS) were investigated in rats. Male Wistar rats were





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作者: A Sarkate - 2017 - 相关文章

2017年2月21日 - Investigation of **mitigating effect** of **colon-specific** prodrugs of boswellic **acid** on 2,4,6-trinitrobenzene sulfonic **acid**-induced **colitis** in **Wistar rats**: ... **acid** (BBA) was derivatized into a **bioversible** delivery system by incorporation of **amino acids** as promoities for targeted delivery to inflamed colon in IBD.

### Experimental colitis induced by trinitrobenzenesulfonic acid: an ... - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/10630507> - 翻译此页

作者: MI Torres - 1999 - 被引用次数: 55 - 相关文章

**Experimental colitis** induced by trinitrobenzenesulfonic **acid**: an ultrastructural and histochemical study. Torres MI(1), García-Martin M, ... **Models** of acute colitis in animals have been achieved by intrarectal administration of agents such as 2,4,6-trinitrobenzenesulfonic **acid** (TNBS) into **rat colon**. This agent induces focal ...

### Protective effects of tranilast on experimental colitis in rats. - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/28437888> - 翻译此页

作者: Y Seto - 2017 - 相关文章

2017年4月21日 - The present study aimed to verify the efficacy of tranilast (TL) for treating inflammatory **bowel** disease (IBD) with the use of an **experimental colitis model**. The **experimental colitis model** was prepared by intrarectal instillation of 2,4,6-trinitrobenzenesulfonic **acid** (TNBS; 40mg/kg) dissolved in water containing ...

### tnbs colitis model: Topics by Science.gov

<https://www.science.gov/topicpages/t/tnbs+colitis+model.html>

In conclusion, CPM exerts **intestinal** anti-inflammatory **effect** on the TNBS-induced **colitis** in rats, although further **experiments** are needed to explore its ..... For this purpose, 40 male **Wistar rats** were divided into 4 groups as follows: the control group, the group with trinitrobenzene sulfonic **acid** (TNBS)-induced **colitis** with no ...

### tnbs-induced experimental colitis: Topics by Science.gov

<https://www.science.gov/topicpages/t/tnbs-induced+experimental+colitis>

To further investigate the BMP signaling pathway we monitored the **effect** of BMP7 therapy on the BMP signaling components in the **rat colon** during different stages of **experimentally** induced **colitis** by 2,4,6-trinitrobenzene sulfonic **acid** (TNBS). The results showed a significantly decreased BMP7 expression in

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作者：M Okayama - 2007 - 被引用次数：60 - 相关文章

2007年4月12日 - We examined the **effect** of cyclooxygenase (COX) inhibitors on dextran sulfate sodium (DSS)-induced ulcerative colitis in **rats** and investigated the role of COX isozymes in the pathogenesis of this **model**. **Experimental colitis** was induced by treatment with 2.5% DSS in drinking water for 6 days.

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[\[PDF\] Anti-inflammatory intestinal activity of Arctium lappa L. - CiteSeerX](#)

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作者：ABA de Almeida - 2013 - 被引用次数：39 - 相关文章

onopordopicrin enriched fraction (ONP fraction) from Arctium lappa in an **experimental colitis model** induced by 2,4,6 trinitrobenzene sulfonic **acid** and performed experiments to elucidate the underlying **action** mechanisms involved in that **effect**. Materials and methods: ONP fraction (25 and 50 mg/kg/day) was orally ...

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作者：赵平 - 2015 - 相关文章

**Experimental Colitis Model** Induced by DSS and TNBS in **Rats**:A Comparative Study ... Aims:To compare the symptoms and **colonic** pathology of **rat models** with **experimental colitis** induced by dextran sulfate sodium( DSS ) and trinitrobenzene sulfonic **acid**( TNBS),so as to provide a reference for selecting animal **models** in ...

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