

<sup>1</sup>  
**Name of Journal: *World Journal of Gastroenterology***

**Manuscript NO: 48437**

**Manuscript Type: ORIGINAL ARTICLE**

### ***Basic Study***

**Effect of *Tong Xie Yao Fang* on endogenous metabolites in urine of irritable bowel syndrome model rats**

Zhao XY *et al.* Pharmacological effects on irritable bowel syndrome

Xue-Ying Zhao, Jian-Wei Wang, Yue Yin, Kai Li, Miao Zhang, Fu-Ping Yan

### **Abstract**

### **BACKGROUND**

#### Match Overview

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### Chinese Herbal Medicine for Functional Abdominal Pain Syndrome ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4913007/> - 翻译此页

作者: T Liu - 2016 - 被引用次数: 3 - 相关文章

2016年5月9日 - It was the same as **Tong-Xie-Yao-Fang** (N = 28, p = 24.6%) and ... of the **effect** or the release of **endogenous** substances (arachidonic acid **metabolites**) that excite pain nerve endings [34].  
..... Analgesic **effect** of Coptis chinensis rhizomes ( Coptidis Rhizoma) extract on **rat model** of **irritable bowel syndrome**.

### Regulation of Colonic Mucosal MicroRNA Expression via Multiple ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6127421/> - 翻译此页

作者: G Chao - 2018 - 被引用次数: 1 - 相关文章

2018年10月1日 - The visceral hypersensitivity **rat model** was successfully established. ... Although visceral hypersensitivity is a major cause of **IBS**, the mechanism of ... **endogenous**, and approximately 21–23 nucleotide long non-coding RNAs that had ..... The alleviating pain **effect** of aqueous extract from **tong-xie-yao-fang**, ...

### Yi-Hong Fan's research works | Hubei University of Chinese Medicine ...

[https://www.researchgate.net/scientific.../13562452\\_Yi-Hong\\_Fan](https://www.researchgate.net/scientific.../13562452_Yi-Hong_Fan) - 翻译此页

Mucosa repair mechanisms of **Tong-Xie-Yao-Fang** mediated by CRH-R2 in murine, .... Therefore, biochemical concentrations of neurotransmitters or **metabolites** may ... To examine the **effect** of aqueous fructus aurantii immaturus ( FAI) extracts on the ... Once the **model** was established (after approximately 12 wk), **rats** were ...

### Traditional Chinese Medicine Formulas for Irritable Bowel Syndrome

[https://www.researchgate.net/.../270827634\\_Traditional\\_Chinese\\_Medicine\\_...](https://www.researchgate.net/.../270827634_Traditional_Chinese_Medicine_...) - 翻译此页

2018年12月12日 - high prevalence and marked **impact** of **IBS** in the community, .... stomach, **urinary** bladder, san Jiao and gall bladder. .... **Tong-Xie-Yao-Fang** and one standard Chinese herbal formula ..... radicals and other reactive oxygen **metabolites** produced by leu- .... the spleen on **IBS model rats** and its mechanism.

### 2017 - : The AMEDEO Literature Guide

<https://amedeo.com/medicine/ibs/ibs2017.htm> - 翻译此页

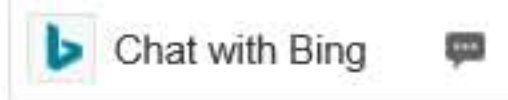
Regulation effect of **Tong-Xie-Yao-Fang** on colonic epithelial operation via G1 and ... Validation of an LQ





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Fang on endogenous metabolites in urine of irritable bowel syndrome model rats



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## The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

<https://www.hindawi.com/journals/ecam/2017/9086034> ▾

Objective. To investigate the **effects of Tong-Xie-Yao-Fang** (TXYF) on intestinal mucosal mast cells in **rats** with postinfectious **irritable bowel syndrome** (PI-IBS). Design. PI-IBS rat models were established using a multistimulation paradigm. Then, **rats** were treated with TXYF intragastrically at doses of 2.5, 5.0, and 10.0 g·kg<sup>-1</sup>·d<sup>-1</sup> for 14 days, respectively.

**Cited by:** 2

**Author:** Xiangxue Ma, Xiaoge Wang, Nan Xiao K...

**Publish Year:** 2017

## Effect of Tongxie Yaofang on endogenous metabolites in ...

[jtp.cnki.net/bilingual/detail/html/ZGZY201705026](http://jtp.cnki.net/bilingual/detail/html/ZGZY201705026) ▾

【Abstract】To evaluate the **effect of Tongxie Yaofang** on **cardiac endogenous metabolism in irritable bowel syndrome** (IBS) rats by using **metabolomics** method, find its potential biomarkers, analyze the **metabolic** pathways, and explore the pharmacological **effects**, mechanisms of action and syndrome essence of syndrome model. Forty Wistar rats were used to establish IBS models, and then randomly divided into four groups: model control group and **Tongxie Yaofang** ...

## Tong Xie Yao Fang relieves irritable bowel syndrome in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4402300>

Apr 21, 2015 - AIM: To investigate whether the **Chinese medicine Tong Xie Yao Fang** (TXYF) improves dysfunction in an **irritable bowel syndrome** (IBS) rat model. METHODS: **Thirty baby rats** for **IBS** modeling were separated from **mother rats** (1 h per day) from days 8 to 21, and the rectum was expanded by angioplasty from days 8 to 12.

**Cited by:** 6

**Author:** Yue Yin, Lei Zhong, Jian-Wei Wang, Xue-...

**Publish Year:** 2015

## The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

<https://reference.medscape.com/medline/abstract/28331524> ▾

To investigate the **effects of Tong-Xie-Yao-Fang** (TXYF) on intestinal mucosal mast cells in **rats** with postinfectious **irritable bowel syndrome** (PI-IBS). Design. PI-IBS rat models were established using a multistimulation paradigm. Then, **rats** were treated with TXYF intragastrically at doses of 2.5, 5.0, and 10.0 g·kg<sup>-1</sup>·d<sup>-1</sup> for 14 days, respectively.

## The Effect of Tong Xie Yao Fang on Intestinal Mucosal Mast





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## The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

<https://www.hindawi.com/journals/ecam/2017/9086034> ▾

Objective. To investigate the effects of Tong-Xie-Yao-Fang (TXYF) on intestinal mucosal mast cells in rats with postinfectious irritable bowel syndrome (PI-IBS). Design. PI-IBS rat models were established using a multistimulation paradigm. Then, rats were treated with TXYF intragastrically at doses of 2.5, 5.0, and 10.0 g·kg<sup>-1</sup>·d<sup>-1</sup> for 14 days, respectively.

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Author: Xiangxue Ma, Xiaoge Wang, Nan Xiao K...

Publish Year: 2017

## Tong Xie Yao Fang relieves irritable bowel syndrome in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4402300>

Apr 21, 2015 · Core tip: Baby rats separating from mother rats (1 h per day) and rectum expanded with angioplasty were carried out to establish a rat irritable bowel syndrome (IBS) model. We examined the ability of the traditional Chinese medicine Tong Xie Yao Fang (TXYF) to improve the dysfunction of gastrointestinal motility in IBS rats.

Cited by: 6

Author: Yue Yin, Lei Zhong, Jian-Wei Wang, Xue-...

Publish Year: 2015

## The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

<https://reference.medscape.com/medline/abstract/28331524> ▾

To investigate the effects of Tong-Xie-Yao-Fang (TXYF) on intestinal mucosal mast cells in rats with postinfectious irritable bowel syndrome (PI-IBS). Design. PI-IBS rat models were established using a multistimulation paradigm. Then, rats were treated with TXYF intragastrically at doses of 2.5, 5.0, and 10.0 g·kg<sup>-1</sup>·d<sup>-1</sup> for 14 days, respectively.

## [PDF] The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

<downloads.hindawi.com/journals/ecam/2017/9086034.pdf>

The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast Cells in Postinfectious Irritable Bowel Syndrome Rats XiangxueMa,1,2 XiaogeWang,2,3 NanKang,1,2 TingChen,2 HaijieJi,2 LinLv,2 XiaolanYin,2 YaxinTian,2 RuiZheng,4 YuanzhiDuan,2 FengyunWang,2 andXudongTang2

Cited by: 3

Author: Xiangxue Ma, Xiaoge Wang, Nan Xiao K...

Publish Year: 2017

## The Effect of Tong-Xie-Yao-Fang on Intestinal Mucosal Mast ...

[https://www.researchgate.net/publication/314083915\\_The\\_Effect\\_of\\_Tong-Xie-Yao-Fang\\_on...](https://www.researchgate.net/publication/314083915_The_Effect_of_Tong-Xie-Yao-Fang_on...)

PDF | Objective : To investigate the effects of Tong-Xie-Yao-Fang (TXYF) on intestinal mucosal mast cells in rats with postinfectious irritable bowel syndrome (PI-IBS). Design : PI-IBS rat models