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Basic Study

Regulating effect of TongXie-YaoFang on colonic epithelial secretion *via* Cl⁻ and HCO₃⁻ channel

Cheng Yang, Ying Xiong, Sheng-Sheng Zhang, Fang-Mei An, Jing Sun, Qing-Lin Zhang, Qiang Zhan

Abstract

AIM

Match Overview

1	Internet 220 words crawled on 02-Jul-2016 www.wjgnet.com	6%
2	Crossref 64 words Yang, Cheng. "Inhibitory effect of TongXie-YaoFang formul ... on colonic contraction in rats". <i>World Journal of Gastroente</i>	2%
3	Internet 13 words intl-atvb.ahajournals.org	<1%

Regulating effect of TongXie-YaoFang on colonic epithelial secretion via Cl⁻ and

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[Effect of TongXie-YaoFang on Cl⁻ and HCO₃⁻ Transport in ... - NCBI](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4923577/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4923577/>

14 Jun 2016 ... **Effect of TongXie-YaoFang on Cl⁻ and HCO₃⁻ Transport in ...** application of amiloride (100 μmol L⁻¹), an **epithelial Na⁺ channel (ENaC) blocker**, ΔIsc induced ... Comparison of 5-HT-induced ΔIsc of **colonic mucosa** after apical ... which implied that TXYF-formula **regulated** 5-HT-induced **Cl⁻ secretion** via ...

[Effect of TongXie-YaoFang on Cl\(-\) and HCO₃ ... - PubFacts](http://www.pubfacts.com/.../Effect-of-TongXie-YaoFang-on-Cl-and-HCO3-Transport-in-Diarrhea-Predominant-Irritable-Bowel-Syndrome-)www.pubfacts.com/.../Effect-of-TongXie-YaoFang-on-Cl-and-HCO3-Transport-in-Diarrhea-Predominant-Irritable-Bowel-Syndrome-

After removing of the extracellular **Cl(-) or HCO₃ (-)** or basolateral **Na(+)** or blocking the ... These data suggest that TXYF can **regulate** 5-HT-induced **Cl(-) and HCO₃ (-) secretion**, possibly ... Inhibitory **effect of TongXie-YaoFang** formula on **colonic contraction** in rats: ... **HCO₃- secretion** by mouse endometrial **epithelium**. Biol.

[Luminal 5-HT stimulates colonic bicarbonate secretion in rats \(PDF ...](https://www.researchgate.net/.../278044214_Luminal_5-HT_stimulates_colonic_bicarbonate_secretion_in_rats)https://www.researchgate.net/.../278044214_Luminal_5-HT_stimulates_colonic_bicarbonate_secretion_in_rats

Luminal 5-HT-evoked **HCO₃ (-) secretion** may be important for the ... **regulating** luminal pH. ... the **effects** of luminal 5-HT on colonic ion **secretion** have ... receptor is expressed in **colonic epithelial cells**; luminal appli- ... **CFTR anion channel** ... of **TongXie-YaoFang** on **Cl⁻ and HCO₃ - Transport** in Diarrhea-Predominant ...

[Research - Irritable Bowel Syndrome - Conscious Health Natural ...](http://conscioushealthnaturaltherapy.weebly.com/research---irritable-bowel-syndrome.html)conscioushealthnaturaltherapy.weebly.com/research---irritable-bowel-syndrome.html

Effect of TongXie-YaoFang on **Cl⁻ and HCO₃- Transport** in ... The study was designed to investigate the **effect** of TXYF on the **colonic ion transport** ... These data suggest that TXYF can **regulate** 5-HT-induced **Cl⁻ and HCO₃- secretion** ... **Na⁺-HCO₃- cotransporter** **Cl⁻/HCO₃-**

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Effect of TongXie-YaoFang on Cl⁻ and HCO₃⁻ Transport in Diarrhea ...

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作者: X Lu - 2016

2016年6月14日 - **Effect of TongXie-YaoFang on Cl⁻ and HCO₃⁻ Transport in ...** application of amiloride (100 μmol L⁻¹), an **epithelial Na⁺ channel** (ENaC) blocker, ΔIsc induced ... Comparison of 5-HT-induced ΔIsc of **colonic** mucosa after apical ... which implied that TXYF-formula **regulated** 5-HT-induced **Cl⁻ secretion via ...**

Effect of TongXie-YaoFang on Cl(-) and HCO₃ (-) Transport ... - PubFacts

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