

Match Overview

1	Crossref 29 words Anupom Mondal, Kouhei Koyama, Takashi Mikami, Taichi Horita, Shota Takemi, Sachiko Tsuda, Ichiro Sakata, Takafumi Sa	1%
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6
Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 60342

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Xiangbinfang granules enhance gastric antrum motility *via* intramuscular interstitial cells of Cajal in mice

Chen QC *et al.* Xiangbinfang enhances gastric antrum motility

8
Qi-Cheng Chen, Zhi Jiang, Jun-Hong Zhang, Li-Xing Cao, Zhi-Qiang Chen



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The Role of Prostaglandins in Disrupted Gastric Motor ...

<https://diabetes.diabetesjournals.org/content/68/3/637> ▼

Mar 01, 2019 · Recently, an increase in **gastric** ICC numbers and increased cholinergic motor responses have been detected in female Lepr db **mice**, and these changes were associated with accelerated **gastric emptying** . Overall, the pathogenesis of the GI motor complications of diabetes remains poorly understood, and there is a paucity of studies examining changes ...

Cited by: 2

Author: Peter J. Blair, Sung Jin Hwang, Matthew C. ...

Publish Year: 2019

Advances in the physiology of gastric emptying - Goyal ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/nmo.13546>

The postganglionic excitatory myenteric neuron releases acetylcholine to contract the smooth muscles via M3 receptors. **ICC-IM** ... of the NTS-GABA-e neurons suppresses the activity of DMV-C-e leading to a decrease in the **gastric** tone and the **motility** of the **gastric** corpus and **antrum**. 71 A ... Klotho-deficient progeric **mice** ...

Cited by: 22

Author: Raj K. Goyal, Yanmei Guo, Hiroshi Mashimo

Publish Year: 2019

Ameliorating effects of sacral neuromodulation on gastric ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/nmo.13837>

1 INTRODUCTION. Gastrointestinal (GI) **motility** disorders are common in conditions such as functional dyspepsia (FD), gastroparesis (GP), intestinal pseudo-obstructions, and postoperative ileus. 1-5 The pathophysiology of GP and FD is often complex and multifactorial, including impaired **gastric** accommodation, antral dysmotility, and visceral hypersensitivity. 2 Approximately 20%-40% of ...

Author: Ximeng Wang, Shengai Zhang, Pankaj J...

Publish Year: 2020

The Physiology and Pathophysiology of Interstitial Cells ...



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Interstitial cells of Cajal, macrophages and mast cells in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3823114>

Abstract **Interstitial cells of Cajal** (ICC) are recognized as pacemaker cells for gastrointestinal movement and are suggested to be mediators of neuromuscular transmission. **Intestinal motility** disturbances are often associated with a reduced number of ICC and/or ultrastructural damage, sometimes associated with immune cells.

Cited by: 87

Author: Hanne B. Mikkelsen

Publish Year: 2010

Phenotypic changes of interstitial cells of Cajal after ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6799941>

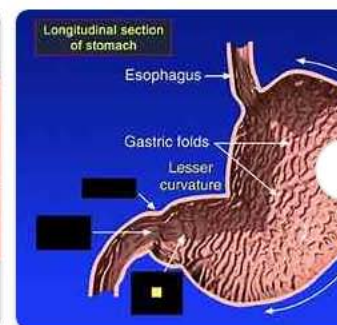
Cajal (5,6) proposed **interstitial cells of Cajal** (ICC) as an important player in GI **motility via** mediating enteric transmission, and later, Keith proposed ICC as pacemakers. The ICC generate spontaneously active pacemaker currents that may be recorded as plateau and slow potentials.

Author: Lin Li, Lin Li, Changlin Zou, Changlin Zo...

Publish Year: 2019

Images of Xiangbinfang Granules Enhance Gastric antrum Motility ...

<bing.com/images>



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Interstitial cells of Cajal, macrophages and mast cells in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3823114>

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Author: Lin Li, Lin Li, Changlin Zou, Changlin Zo... **Publish Year:** 2019

Pacing of interstitial cells of Cajal in the murine ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2343575>

Dec 01, 2003 · Phase advancement of electrical slow waves and regulation of pacemaker frequency was investigated in the circular muscle layer of the **gastric** antra of wild-type and W/W V **mice**. Slow waves in...

Cited by: 82

Author: Elizabeth A. H. Beckett, Cathrine A. McGeo...

Publish Year: 2003

Pacing of interstitial cells of Cajal in the murine ...

<https://physoc.onlinelibrary.wiley.com/doi/full/10.1113/jphysiol.2003.050419>

Kit-like immunohistochemistry revealed the distribution of specific classes of ICC in **gastric antrum** of BALB/c, C57BL/6 +/+ and W/W V **mice**. The density of kit-immunopositive **interstitial cells of Cajal** (ICC...

Cited by: 82

Author: Elizabeth A. H. Beckett, Cathrine A. McGeo...

Publish Year: 2003

Physiology of Gastric Motility Patterns - ScienceDirect