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Results: The ICCs generated **pacemaker potentials** in the **mouse small intestine**. ... In the case of Ca^{2+} -free solutions, SMS **induced** membrane **depolarizations**. ... Keywords: **interstitial cells of Cajal**,

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 33793

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Hwangryunhaedok-tang induces the depolarization of pacemaker potentials through 5-HT₃ and 5-HT₄ receptors in cultured murine small intestine interstitial cells of Cajal

Kim HJ *et al.* Hwangryunhaedok-tang and Interstitial cells of Cajal

Hyun Jung Kim, Guem San Lee, Hyungwoo Kim, Byung Joo Kim

Abstract

AIM

To investigate the effects of a water extract of Hwangryunhaedok-tang (HHTE) on the pacemaker potentials of mouse interstitial cells of Cajal (ICCs).

METHODS

Match Overview

1	Crossref 112 words Hyoyeon Kim, Iksung Kim, Min Cheol Lee, Hyun Jung Kim, Guem San Lee, Hyungwoo Kim, Byung Joo Kim. "Effects of Hwangryunhaedok-tang on the pacemaker potentials of mouse interstitial cells of Cajal (ICCs)." <i>World Journal of Gastroenterology</i> 2017; 23(10): 2281-2288.	3%
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Effects of Hwangryunhaedok-tang on gastrointestinal motility function in mice. ... Activation of transient receptor potential vanilloid 3 by the methanolic extract of 2017, Ha YS, Chung JW, Chun SY, Choi SH, Lee JN, Kim BS, Kim HT, Kim TH, in the pacemaking activity of interstitial cells of Cajal in murine small intestine.

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