

**Name of Journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 56016

**Manuscript Type:** ORIGINAL ARTICLE

### Basic Study

**Herbal cake-partitioned moxibustion inhibits colonic autophagy in Crohn's disease via phosphatidylinositol 3-kinase Classes signaling**

Wang SY *et al.* Moxibustion inhibits autophagy in Crohn's disease

Shi-Yuan Wang, Ji-Meng Zhao, Ci-Li Zhou, Han-Dan Zheng, Yan Huang, Min Zhao, Zhi-Ying Zhang, <sup>1</sup>Lu-Yi Wu, Huan-Gan Wu, Hui-Rong Liu

### Abstract

#### BACKGROUND

Autophagy is an evolutionarily conserved biological process in eukaryotic cells that involves lysosomal-mediated degradation and recycling of related cellular components.

### Match Overview

Match Number	Source	Words	Similarity
1	Internet www.vjgnet.com	233 words crawled on 24-Jun-2016	4%
2	Internet www.mdpi.com	98 words crawled on 25-Dec-2019	2%
3	Internet www.hindawi.com	84 words crawled on 09-Aug-2020	1%
4	Internet tessera.spandidos-publications.com	81 words crawled on 31-Jul-2019	1%
5	Internet www.dovepress.com	60 words crawled on 27-Jul-2020	1%
6	Crossref Hui Zhang, Zheng Shi, Xiao-peng Ma, Hui-rong Liu, Ling Hu, Huan-gan Wu. "艾灸对克罗恩病大鼠结肠HO-1和M..."	58 words	1%
7	Internet pesquisa.bvsalud.org	56 words crawled on 16-Jul-2020	1%
8	Internet worldwidescience.org	54 words crawled on 10-Mar-2020	1%

Herbal cake-partitioned Moxibustion inhibits colonic au



ALL

IMAGES

VIDEOS

18 Results

Any time ▾

## Effect of Herb-Partitioned Moxibustion on Autophagy and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6431444>

In summary, herb-partitioned **moxibustion** might influence **signaling** pathways that are closely associated with CD through the regulation of **autophagy**- and immune-associated gene expression profiles in **colon** tissues of rats to effectively attenuate **intestinal** inflammation and promote the repair of **intestinal** tissue injury.

**Cited by:** 1

**Author:** Ji-meng Zhao, Ya-nan Liu, Han-dan Zh...

**Publish Year:** 2019

## (PDF) Effect of Herb-Partitioned Moxibustion on Autophagy ...

[https://www.researchgate.net/publication/331600823\\_Effect\\_of\\_Herb-Partitioned...](https://www.researchgate.net/publication/331600823_Effect_of_Herb-Partitioned...)

Objective. To investigate the **immune regulation mechanism** of **herb-partitioned moxibustion** in **rats** with **Crohn's disease** (CD) focusing on **autophagy**. Methods.

## (PDF) Herbs-partitioned moxibustion alleviates aberrant ...

[https://www.researchgate.net/publication/332911004\\_Herbs-partitioned\\_moxibustion...](https://www.researchgate.net/publication/332911004_Herbs-partitioned_moxibustion...)

May 07, 2019 · A20 inhibits **intestinal epithelial cell apoptosis** in **Crohn's disease**, and **herbs-partitioned moxibustion** (HPM) has been demonstrated to be an effective treatment for **Crohn's disease**.

## (PDF) Herb-partitioned moxibustion alleviates colon ...

[https://www.researchgate.net/publication/327021372\\_Herb-partitioned\\_moxibustion...](https://www.researchgate.net/publication/327021372_Herb-partitioned_moxibustion...)

Herb-partitioned **moxibustion** alleviates **colon** injuries in ulcerative colitis rats Article (PDF Available) in World Journal of Gastroenterology 24(30):3384-3397 · August 2018 with 77 Reads

## Herbs-partitioned moxibustion alleviates aberrant ...



85 Results Any time ▾

### (PDF) Effect of Herb-Partitioned Moxibustion on Autophagy ...

[https://www.researchgate.net/publication/331600823\\_Effect\\_of\\_Herb-Partitioned...](https://www.researchgate.net/publication/331600823_Effect_of_Herb-Partitioned...)  
PDF | Objective. To investigate the immune regulation mechanism of herb-partitioned **moxibustion** in rats with **Crohn's disease** (CD) focusing on **autophagy**.... | Find, read and cite all the research ...

### IRGM Governs the Core Autophagy Machinery to Conduct ...

<https://www.researchgate.net/publication/275154107...>  
Jan 01, 2016 · In addition, AMPK promotes **autophagy** via Beclin-1 phosphorylation at Thr388, which is required for Beclin-1 interaction with **phosphatidylinositol 3-kinase** catalytic subunit type 3 ...

### Linking genetic susceptibility to Crohn's disease with ...

<https://www.researchgate.net/publication/5824044...>  
IL-22BP production is enhanced during inflammation in **Crohn's disease** and ulcerative colitis IL-22 expression is known to be strongly induced in the inflamed **colonic** mucosa of both CD and UC ...

### ISSN 2219-2840 (online) World Journal of Gastroenterology

<https://bsdwebstorage.blob.core.windows.net/e...>  
pancreatic **disease**, which was responsive to corticosteroid therapy[9-14]. In 2001, patients with biliary **disease** and a sclerosing autoimmune pancreatitis were reported WJG <https://www.wjgnet.com> June 21, 2020 Volume 26 Issue 23 Manganis CD et al. PSC and high IgG4 3127

### Zero Suicide Institute | Zero Suicide Institute

<https://bjc.edc.org/bjc-r/prog/5-algorithms/U5L1-Spell-Checker.xml>  
 ...

### Mitogen activated protein kinases: A role in inflammatory ...

<https://www.researchgate.net/publication/26859961...>  
Since both JNK and p38 MAPKs are strongly activated in **colonic** biopsies from patients with active **Crohn's disease**, a type of IBD [46], it is widely accepted that signal transduction pathways ...

### The role of autophagy in pro-inflammatory responses of ...

<https://www.researchgate.net/publication/316110964...>  
An additional mechanism that regulates ER stress mediated **autophagy**, is **via** ER-stress mediated release of Ca<sup>2+</sup> into the cytosol, which, in turn, leads to activation of various kinases and ...

### Therapeutic Ai-Chi Aquatic Exercise

<https://cybermedlife.eu/index.php/scientific...>  
RESULTS: Chlorella intake and aerobic exercise training significantly decreased fasting blood glucose, insulin levels, and total glucose area under the curve during the oral glucose tolerance test and increased the insulin sensitivity index concomitant with muscle **phosphatidylinositol-3 kinase** ...

### Health Topics - Holistic Medicine & Integrative Medicine ...

<https://www.nourishdoc.com/Research>  
Aged black garlic extract **inhibits** HT29 **colon** cancer cell growth **via** the PI3K/Akt **signaling** pathway. Aged garlic extract enhances heme oxygenase-1 and glutamate-cysteine ligase modifier subunit expression **via** the nuclear factor erythroid 2-related factor 2-antioxidant response element **signaling** pathway in human endothelial cells.

### MedWorm: Endometriosis Research

<https://medworm.com/research/endometriosis.xml>  
TRIM59 **inhibits** PPM1A through Ubiquitination and Activates TGF-β/Smad **Signaling** to Promote the Invasion of Ectopic Endometrial Stromal cells in Endometriosis. Am J Physiol Cell Physiol. 2020 Apr 29;; Authors: Wang F, Wang H, Sun L, Niu C, Xu J Abstract To define the underlying molecular mechanism of TRIM59-induced invasion of ectopic ...

Some results are removed in response to a notice of local law requirement. For more information, please see [here](#).





Herbal cake-partitioned moxibustion inhibits colonic autophagy in Crohr



ALL IMAGES VIDEOS

92 Results Any time

(PDF) Effect of Herb-Partitioned Moxibustion on Autophagy ...
https://www.researchgate.net/publication/331600823\_Effect\_of\_Herb-Partitioned...
PDF | Objective. To investigate the immune regulation mechanism of herb-partitioned moxibustion in rats with Crohn's disease (CD) focusing on autophagy.... | Find, read and cite all the research ...

IRGM Governs the Core Autophagy Machinery to Conduct ...
https://www.researchgate.net/publication/275154107...
Jan 01, 2016 - In addition, AMPK promotes autophagy via Beclin-1 phosphorylation at Thr388, which is required for Beclin-1 interaction with phosphatidylinositol 3-kinase catalytic subunit type 3 ...

Linking genetic susceptibility to Crohn's disease with ...
https://www.researchgate.net/publication/5824044...
IL-22BP production is enhanced during inflammation in Crohn's disease and ulcerative colitis IL-22 expression is known to be strongly induced in the inflamed colonic mucosa of both CD and UC ...

ISSN 2219-2840 (online) World Journal of Gastroenterology
https://bsdwebstorage.blob.core.windows.net/ejournals-1007-9327/WJGv26i23.pdf
pancreatic disease, which was responsive to corticosteroid therapy[9-14]. In 2001, patients with biliary disease and a sclerosing autoimmune pancreatitis were reported WJG https://www.wjgnet.com June 21, 2020 Volume 26 Issue 23 Manganis CD et al. PSC and high IgG4 3127

Zero Suicide Institute | Zero Suicide Institute
https://bjc.edc.org/bjc-r/prog/5-algorithms/U5L1-Spell-Checker.xml



Mitogen activated protein kinases: A role in inflammatory ...
https://www.researchgate.net/publication/26859961...
Since both JNK and p38 MAPKs are strongly activated in colonic biopsies from patients with active Crohn's disease, a type of IBD [46], it is widely accepted that signal transduction pathways ...

Search Tools

Turn off Hover Translation (关闭取词)