

Match Overview

| | | |
|---|---|----|
| 1 | Publications 27 words "Study Results from University of Granada Provide New Insights into Colitis (Germ-free and Antibiotic", Health & Medici | 5% |
| 2 | Crossref 23 words Zhou, Kangkang, Mingshan Jiang, Xiaofa Qin, and Xiuhor ... Wang. "Role of bilirubin in digestive proteases inactivation i | 4% |
| 3 | Crossref 14 words Jordan T. Kamel. "Crohn's disease of the proximal esophagus", Inflammatory Bowel Diseases, 06/2008 | 3% |
| 4 | Crossref 14 words Qin, Xiaofa. "Can inflammatory bowel disease really be s ... ved by the multiple -omics and meta-omics analyses?", Im | 3% |
| 5 | Internet 13 words crawled on 09-Dec-2013 www.ncbi.nlm.nih.gov | 2% |

Name of journal: *World Journal of Gastrointestinal Pathophysiology*

ESPS Manuscript NO: 30580

Manuscript Type: Field of Vision

Impaired inactivation of digestive proteases: The possible key factor for the high susceptibility of germ-free and antibiotic-treated animals to gut epithelial injury

Xiao-Fa Qin

Abstract

Recent study shows that germ-free and antibiotic-treated animals are highly susceptible to gut epithelial injury. This paper addresses that impaired inactivation of digestive proteases may be the key factor for the increased susceptibility.

Impaired inactivation of digestive proteases: The possible key factor for the high :

全部 图片 视频 新闻 购物 地图 图书

找到约 77,900 条结果

时间不限

过去 1 小时内
过去 24 小时内
过去 1 周内
过去 1 个月内
过去 1 年内

所有结果

精确匹配

[Role of the Microbiota in Immunity and inflammation - NCBI](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4056765/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4056765/>

While a consequence of this blunted immune response is high susceptibility to infections, ... in animals raised in the absence of live microbes referred to as germ-free (GF). ... Further, commensals that translocate across the intestinal epithelial cell Antibiotic treatment also impaired adaptive and innate antiviral responses ...

[Host-microbial interactions and regulation of intestinal epithelial ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3284523/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3284523/>

15 Feb 2012 ... Keywords: Intestinal barrier, Commensal bacteria, Enterocytes, Tight ... crypt regions differentiate into epithelial cells with high expression of brush border crypt cell proliferation were observed in the intestine of germ-free animals depletion are more susceptible to oral DSS-induced mucosal injury, with ...

[Intestinal permeability – a new target for disease prevention and ...](https://bmcgastroenterol.biomedcentral.com/.../s12876-014-0189-7)

<https://bmcgastroenterol.biomedcentral.com/.../s12876-014-0189-7>

18 Nov 2014 ... Intestinal barrier Intestinal permeability Microbiota Tight junctions Paneth cells produce a range of antimicrobial factors to protect the ... HA protease ... susceptibility to mucosal damage and an increased risk of IBD [98]. ... in intestinal epithelial cells isolated from germ-free mice treated with EcN [113].

[\[PDF\] Intestinal barrier dysfunction: implications for chronic inflammatory ...](https://journals.cambridge.org/article_S0954422416000019)

journals.cambridge.org/article_S0954422416000019

The intestinal epithelium of adult humans acts as a differentially permeable barrier that ... Key words: Absorption; Gastrointestinal tract; Crohn's disease; Ulcerative colitis; ... free peptides to interact with dendritic cells and stimulate suggests a multitude of possible dietary factors affecting IBD, he (2002) Inactivation of,

[Bowel Radiation Injury: Complexity of the Pathophysiology and ...](#)

[全部](#)[图片](#)[新闻](#)[购物](#)[地图](#)[更多](#)[设置](#)[工具](#)

找到约 80,100 条结果 (用时 0.73 秒)

Intestinal permeability – a new target for disease prevention and therapy

<https://bmcgastroenterol.biomedcentral.com/articles/10.../s12876-014-0189-...> ▾ [翻译此页](#)

作者: SC Bischoff - 2014 - 被引用次数: 119 - 相关文章

2014年11月18日 - **Intestinal** barrier **Intestinal** permeability Microbiota Tight junctions Paneth cells produce a range of **antimicrobial factors** to protect the **HA protease** ... **susceptibility** to mucosal **damage** and an increased risk of IBD [98]. ... in **intestinal epithelial** cells isolated from **germ-free** mice **treated** with EcN [113].

Role of the Microbiota in Immunity and inflammation

[https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMed Central \(PMC\)](https://www.ncbi.nlm.nih.gov/NCBI/Literature/PubMedCentral(PMC)) - [翻译此页](#)

作者: Y Belkaid - 2014 - 被引用次数: 319 - 相关文章

While a consequence of this blunted immune response is **high susceptibility** to infections, ... in **animals** raised in the absence of live microbes referred to as **germ-free** (GF), ... Further, commensals that translocate across the **intestinal epithelial** cell **Antibiotic treatment** also **impaired** adaptive and innate antiviral responses ...

Cell Biology of Ischemia/Reperfusion Injury

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3904795/> - [翻译此页](#)

作者: T Kalogeris - 2012 - 被引用次数: 340 - 相关文章

Tissue **injury** and/or death occur as a result of the initial ischemic insult, which is ... However, not all organs demonstrate equal **susceptibility** to ischemia. Indeed, **germ-free** mice exhibit reduced local (**intestinal**) and remote (lung) **injury** of XO with endothelial cell surface and consequent **high** local ROS concentrations, ...

Natural Pathogens of Laboratory Mice, Rats, and Rabbits and Their ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC106832/> - [翻译此页](#)

作者: D. M. Smith - 1999 - 被引用次数: 241 - 相关文章