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Basic Study

Effects of *Bifidobacterium infantis* on cytokine-induced neutrophil chemoattractant and insulin-like growth factor-1 in the ileum of rats with endotoxin injury

Wang W *et al.* *Bifidobacterium infantis* in the rat ileum



Wei Wang, Mei Sun, Yu-Ling Zheng, Liu-Yu Sun, Shu-Qiang Qu

Abstract

BACKGROUND

Digestive tract is the maximal immunizing tissue of body, mucosal integrity and

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The role of cytokine-induced neutrophil chemoattractant-1 in ... - NCBI<https://www.ncbi.nlm.nih.gov/pubmed/11192542> - 翻译此页

作者: H Ishii - 2000 - 被引用次数: 56 - 相关文章

OBJECTIVE: Remote lung **injury** is induced by ischaemia/reperfusion (I/R) of the ... In the present study, the role of **cytokine-induced neutrophil chemoattractant** (CINC), ... remote lung **injury** following intestinal I/R was investigated in anaesthetized **rats**. ... **Chemotactic**

Factors/immunology*; Disease Models, Animal*; **Growth** ...缺少字词: **bifidobacterium insulin like ileum endotoxin****Contribution of cytokine-induced neutrophil chemoattractant CINC-2 ...**<https://www.ncbi.nlm.nih.gov/pubmed/11713904> ▼ 翻译此页

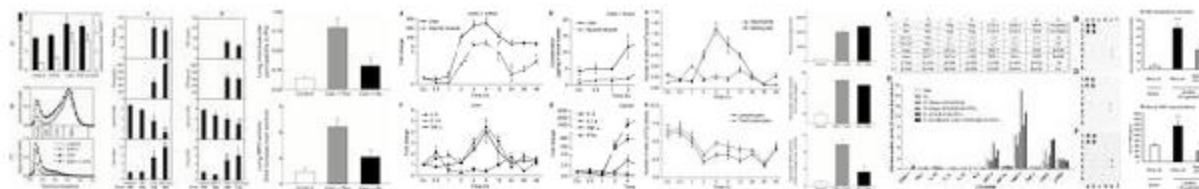
作者: K Takano - 2001 - 被引用次数: 31 - 相关文章

Contribution of **cytokine-induced neutrophil chemoattractant** CINC-2 and CINC-3 to **neutrophil** recruitment in lipopolysaccharide-induced inflammation in **rats**. ... (1)Department of

Physiological Chemistry, Faculty of Pharmaceutical Sciences, Toyama ... **Chemotactic****Factors/physiology***; **Chemotaxis**, Leukocyte/drug **effects** ...缺少字词: **bifidobacterium insulin like ileum endotoxin injury****Role of cytokine-induced neutrophil chemoattractant (CINC) in ozone ...**<https://www.ncbi.nlm.nih.gov/pubmed/9230754> - 翻译此页

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1. Am J Respir Crit Care Med. 1997 Jul;156(1):234-9. ... **Cytokine-induced neutrophil chemoattractant** (CINC) is a **rat** chemokine with potent **chemoattractant** ...

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Changes in gut microbiota control ... - PubMed Central (PMC)

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Feb 24, 2009 · Kok NN, Morgan LM, Williams CM, et al. Insulin, glucagon-like peptide 1, glucose-dependent insulinotropic polypeptide **and insulin-like growth factor I** as putative mediators of the hypolipidemic effect of oligofructose in **rats**.

Cited by: 1594

Author: Patrice D. Cani, S. Possemiers, T. Van d...

Publish Year: 2009

Insulin-like Growth Factor-1 Levels Contribute to the ...

<https://www.atsjournals.org/doi/full/10.1164/rccm.200911-1757OC>

Insulin-like Growth Factor-1 Levels Contribute to the Development of Bacterial Translocation in Sepsis ... Fazal N, Shamim M, Khan SS, Gamelli RL, Sayeed MM. **Neutrophil** depletion in **rats** reduces burn-**injury** induced intestinal bacterial translocation. ... Spiliopoulou I, Alexandrides T, Filos KS, Vagianos CE. Beneficial **effects** of **growth** ...

Cited by: 30

Author: Gary W. Hunninghake, Kevin C. Doersch...

Publish Year: 2010

Insulin-like growth factor-I reduces stress-induced ...

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Insulin-like growth factor-I reduces stress-induced gastric mucosal **injury** by inhibiting **neutrophil** activation in mice

Role of Gastrointestinal Microbiota on Kidney Injury and ...

<https://www.sciencedirect.com/science/article/pii/S0002962916306292>

Role of Gastrointestinal Microbiota on Kidney **Injury** and the Obese ... induces the production of an **insulin-like growth factor 1** that stimulates the activity of connective tissue ... H. Diaz, L. Meddings, et al. Secreted bioactive factors from **Bifidobacterium infantis** enhance epithelial cell barrier function. Am J Physiol Gastrointest Liver ...

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Administration of MTX also reduced the gastric mucosal **injury** as well as inhibiting ... that **IGF-1** and capsaicin administration to **rats** markedly reduces WRS-induced gastric ... **Effect** of the **IGF-1/PTEN/Akt/FoxO** signaling pathway in the duodenal mucosa ... While Himpe et al. identified **IGF-I** as a survival factor for **neutrophils**, ...

In Vivo Effects of Bifidobacteria and Lactoferrin on Gut Endotoxin ...

https://www.researchgate.net/.../8520949_In_Vivo_Effects_of_Bifidobacteria_and_Lact...

2018年10月10日 - While **endotoxin** levels in **bifidobacteria**-fed mice showed a steady rise ... in **B** or **T** cells, or in **cytokine** production (IL-6, TNF-alpha, INF-gamma), ... **Bifidobacteria** and lactoferrin were well tolerated **as** dietary Antiobesity and lipid-lowering **effects** of **Bifidobacterium** spp. in high fat diet-induced obese **rats**.

Role of Intestinal Bacteria in Gliadin-Induced Changes in Intestinal ...

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作者: J Cinova - 2011 - 被引用次数: 100 - 相关文章

2011年1月13日 - We aimed to study the **effects** of gliadin and various intestinal bacterial ... **B. bifidum** IATA-ES2 also enhanced the production of **chemotactic factors** The **cytokine** spectra in the **rat** intestinal loop washes were The secretion of **cytokines**, such **as chemotactic factor** for monocytes and **neutrophils** (MCP)-1, ...

[PDF] Gut microbiota, immune development and function - Stig Bengmark

bengmark.com/.../110.%20Microbiota%2C%20immune%20%20....Pharmac... ▼ 翻译此页

作者: S Bengmark - 2010 - 被引用次数: 146 - 相关文章

2012年8月29日 - Please cite this article as: Bengmark S, Gut microbiota, immune development and ... offers similar **effects** as use of biologicals, although milder but also ... never, adapt to the high levels of **insulin/IGF-1** signaling (IIS) that ... (mice and **rats**) with **induced** IGF1 deficiency (the IGF1 gene or the ... **Endotoxins** are.