



Butyrate Protects Mice Against Methionine–Choline ...

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Aug 21, 2018 · **Butyrate Protects Mice Against Methionine–Choline-Deficient Diet-Induced Non-alcoholic Steatohepatitis** by Improving Gut Barrier Function, **Attenuating Inflammation** and Reducing Endotoxin Levels Jianzhong Ye , 1, 2, † Longxian Lv , 1, 2, † Wenrui Wu , 1, 2, † Yating Li , 1, 2, † Ding Shi , 1, 2 Daiqiong Fang , 1, 2 Feifei Guo , 3 Huiyong Jiang , 1, 2 Ren Yan , 1, 2 Wanchun ...

Cited by: 20

Author: Jianzhong Ye, Longxian Lv, Wenrui Wu, ...

Publish Year: 2018

Microbiota, Inflammation, and Gut Barrier Dysfunction in ...

<https://www.intechopen.com/online-first/microbiota...> ▾

Hepatocellular carcinoma (HCC), which represents 90% of all primary liver cancers, is the fifth most common cancer and the third cause of cancer mortality rate. It is a complex disease with a poor prognosis. Incidence and mortality rates are increasing in many geographical regions, indicating a need for better management strategies.

Author: Amit Kumar Ram, Gavin Wright, Bala... **Publish Year:** 2019

Bifidobacterium longum R0175 Protects Rats against d ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6992372>

Acute liver failure is a severe liver disorder that poses considerable global challenges. Previous studies on *Bifidobacterium longum* R0175 have mainly focused on its psychotropic functions. The current research focused on the protective efficacy of *B. longum* R0175 against acute liver failure caused by d-galactosamine (d-GalN) in rats and further tested the hypothesis that *B. longum* ...

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Publish Year: 2018

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<https://www.sciencedirect.com/science/article/pii/S0065230X19300211>

Jan 01, 2019 · In **mice** with a replete microbiome, the enhanced **intestinal** permeability caused by radiation treatment results in bacterial translocation from the lumen of the intestine into draining lymph nodes, resulting in significant mucosal **inflammation**, toxicity, and immune activation **against** bacterial species (Barker, Paget, Khan, & Harrington, 2015 ...

Cited by: 3 **Author:** Claire Buchta Rosean, Tzu-Yu Feng, Fra...

Publish Year: 2019

Bifidobacterium longum R0175 Protects Rats against d ...

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Jan 29, 2020 · Acute liver failure is a severe liver disorder that poses considerable global challenges. Previous studies on Bifidobacterium longum R0175 have mainly focused on its psychotropic functions. The current research focused on the protective efficacy of B. longum R0175 **against** acute liver failure caused by d-galactosamine (d-GalN) in rats and further tested the hypothesis that B. longum R0175 ...

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Granulocyte **colony stimulating factor** (G-CSF) is a polypeptide of 176 amino acid residues that plays an important role in the production of granulocytes by stimulating the bone marrow in humans ...

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<https://www.frontiersin.org/articles/10.3389/fimmu.2020.00996> ▾

www.ncbi.nlm.nih.gov/pmc/articles/PMC6111843/ is rising at an alarming rate and is a major public health concern. Globally



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Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 55738

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Granulocyte-macrophage colony-stimulating factor protects mice against hepatocellular carcinoma by ameliorating intestinal dysbiosis and attenuating inflammation

Wu YN *et al.* GM-CSF protects hepatocellular carcinoma

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Cited by: 18

Author: Daiqiong Fang, Ding Shi, Longxian Lv, Si...

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