



Dimethyl sulfoxide inhibits zymosan-induced intestinal inflammation and



网页

图片

新闻

购物

视频

更多

搜索工具

找到约 188,000 条结果 (用时 0.81 秒)

Google 学术: Dimethyl sulfoxide inhibits zymosan-induced intestinal inflammation and barrier dysfunction

Zymosan-induced generalized inflammation; ... - Volman - 被引用次数: 76

Treatment with a novel poly (ADP-ribose) ... - Genovese - 被引用次数: 44

... radicals and poly (ADP-ribose) synthetase in intestinal ... - Cuzzocrea - 被引用次数: 44

Figures - Proceedings of the National Academy of Sciences

www.pnas.org/content/102/3/904.figures-only - 翻译此页

2005年1月18日 - Zymosan-induced protein extravasation, but not cellular infiltrates, are reduced in eNOS^{-/-} mice and ... DMSO is used as a control as above.

Endothelial nitric oxide synthase activation is critical for ...

www.pnas.org/content/102/3/904/F5.expansion.html - 翻译此页

2005年1月18日 - Zymosan-induced protein extravasation, but not cellular infiltrates, ...

DMSO is used as a control as above. ... endothelial barrier dysfunction in acute lung injury Am. J. Physiol. Antiexudative Effects of Opioids and Expression of {kappa}- and {delta}- Opioid Receptors during Intestinal Inflammation in Mice: ...

Ethyl Pyruvate Ameliorates Intestinal Epithelial Barrier ...

jpet.aspetjournals.org/content/304/1/464.full.pdf - 翻译此页

作者: PL Sappington - 2003 - 被引用次数: 107 - 相关文章

2002年8月14日 - ameliorate gut barrier dysfunction induced by other forms of

inflammation, we incubated Caco-2 monolayers for 24 to 48 h with cytomix (a mixture of

... mass 4 kDa), but this effect was inhibited by adding 0.1 to 10 mM EP (but not ...

... solidine, dithioerythrate, and dimethyl sulfoxide, fail to block IL-1-induced



Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 20486

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Dimethyl sulfoxide inhibits zymosan-induced intestinal inflammation and barrier dysfunction

Yu-Meng Li, Hai-Bin Wang, Jin-Guang Zheng, Xiao-Dong Bai, Zeng-Kai Zhao,
Jing-Yuan Li, Sen Hu

Abstract

AIM: To investigate whether dimethyl sulfoxide (DMSO) inhibits gut inflammation and barrier dysfunction following zymosan-induced systemic inflammatory response syndrome (SIRS) and multiple organ dysfunction syndrome (MODS).

METHODS: Sprague-Dawley rats were randomly divided into four groups: sham with

Match Overview

1	CrossCheck 110 words Luo, Hong-Min, Ming-Hua Du, Zhi-Long Lin, Lin Zhang, Li Ma, Huan Wang, Wen Yu, Yi Lv, Jiang-Yang Lu, Yu-Li Pi,	2%
2	CrossCheck 49 words Roberto Christ Vianna Santos. "The Transcriptional Activation of the Cyclooxygenase-2 Gene in Zymosan-Active ...	1%
3	Internet 34 words crawled on 29-Sep-2010 circ.ahajournals.org	1%
4	CrossCheck 21 words Hu, Sen, Ming-Hua Du, Hong-Min Luo, Huan Wang, Yi Lv, Li Ma, Zhi-Long Lin, Xian Shi, Ingrid Gaischek, Lu Wang	<1%
5	CrossCheck 21 words Neels, J. G., and P. A. Grimaldi. "Physiological Function of Peroxisome Proliferator-Activated Receptor ", Physiol	<1%
6	CrossCheck 21 words "The 3 rd Combined Meeting of the Surgical Infection Societies of North America and Europe Oral Presentation Ab	<1%
7	CrossCheck 20 words Zhu, Q.. "A comparison of elderly and adult multiple organ dysfunction syndrome in the rat model", Experimental	<1%
8	CrossCheck 10 words Xiaoyan Dai. "Synthetic liver X receptor agonist T0901317 inhibits semicarbazide-sensitive amine oxidase gen ...	<1%



Dimethyl sulfoxide inhibits zymosan-induced intestinal inflammation and



网页

图片

购物

新闻

视频

更多

搜索工具

找到约 41,700 条结果 (用时 0.28 秒)

Google 学术: Dimethyl sulfoxide inhibits zymosan-induced intestinal inflammation and barrier dysfunction

Zymosan-induced generalized inflammation; ... - Volman - 被引用次数: 76

Treatment with a novel poly (ADP-ribose) ... - Genovese - 被引用次数: 44

... radicals and poly (ADP-ribose) synthetase in intestinal ... - Cuzzocrea - 被引用次数: 44

Endothelial nitric oxide synthase activation is critical for ...

www.pnas.org/content/102/3/904/F5.expansion.html - 翻译此页

2005年1月18日 - Zymosan-induced protein extravasation, but not cellular infiltrates, ...

DMSO is used as a control as above. ... endothelial barrier dysfunction in acute lung injury Am. J. Physiol. ... Antiexudative Effects of Opioids and Expression of {kappa}- and {delta}- Opioid Receptors during Intestinal Inflammation in Mice: ...

Ethyl Pyruvate Ameliorates Intestinal Epithelial Barrier ...

jpet.aspetjournals.org/content/304/1/464.full.pdf - 翻译此页

作者: PL Sappington - 2003 - 被引用次数: 109 - 相关文章

2002年8月14日 - ameliorate gut barrier dysfunction induced by other forms of inflammation, we incubated Caco-2 monolayers for 24 to 48 h with cytomix (a mixture of ... mass 4 kDa), but this effect was inhibited by adding 0.1 to 10 mM EP (but not ... rolidine dithiocarbamate and dimethyl sulfoxide, fail to block. IL-1-induced ...

Xueyuand Deng - Publications - ResearchGate

www.researchgate.net/profile/Xueyuand_Deng/publications - 翻译此页

Article: Gut barrier permeability, reticuloendothelial system function and protease ... mechanisms and ways to intervene an intestinal barrier dysfunction following ... of

Articles

Case law

My library

Any time

Since 2015

Since 2014

Since 2011

Custom range...

Sort by relevance

Sort by date

☒ include patents☒ include citations Create alert**Zymosan-induced generalized inflammation: experimental studies into mechanisms leading to multiple organ dysfunction syndrome**

TJH Volman, T Hendriks, RJA Goris - Shock, 2005 - journals.lww.com

... Because zymosan is not degradable, phagocytosis by macrophages results in a prolonged **inflammatory** response. This effect can be enhanced by the use of mineral oil as a carrier. ... THE **ZYMOSAN-INDUCED GENERALIZED INFLAMMATION (ZIGI) MODEL**. ...

Cited by 76 Related articles All 7 versions Cite Save

Treatment with a novel poly (ADP-ribose) glycohydrolase inhibitor reduces development of septic shock-like syndrome induced by zymosan in mice

T Genovese, R Di Paola, P Catalano, JH Li... - Critical care ..., 2004 - journals.lww.com

... from experiments either using PARP-1 knockout mice or through pharmacologic **inhibition** of the ... in saline solution, intraperitoneally) and with the vehicle of 100% **dimethylsulfoxide (DMSO)**, v/v ... Sham + GPI 18214 group: This was identical to Sham + **DMSO** group except for the ...

Cited by 44 Related articles All 6 versions Cite Save

Role of free radicals and poly (ADP-ribose) synthetase in intestinal tight junction permeability. [PDF] from nih.gov

S Cuzzocrea, E Mazzon, A De Sarro... - Molecular ..., 2000 - ncbi.nlm.nih.gov

... Culture medium was removed by aspiration and the cells were solubilized in **dimethyl sulfoxide (DMSO; 100 I)**. The extent ... exposed endothelia and epithelial cells to H₂O₂ result in ADP-ribosylation, NAD depletion, **inhibition** of mitochondrial ... in **zymosan-induced** tight junction ...

Cited by 44 Related articles All 6 versions Cite Save

Role of tight junction derangement in the endothelial dysfunction elicited by exogenous and endogenous peroxynitrite and poly (ADP-ribose) synthetase

E Mazzon, A De Sarro, AP Caputi, S Cuzzocrea - Shock, 2002 - journals.lww.com

... **Inhibition** of PARS may be a novel pharmacological approach to preserve endothelial tight junction function in shock and **inflammation**. ... MTT (0.2 mg/mL) for 1 h. Culture medium was removed by aspiration, and the cells were solubilized in **dimethyl sulfoxide (DMSO; 100 µL)**. ...

Cited by 27 Related articles All 5 versions Cite Save

Rosiglitazone, a peroxisome proliferator-activated receptor-γ agonist, reduces acute lung injury in endotoxemic rats*

D Liu, BX Zeng, SH Zhang, YL Wang, L Zeng... - Critical care ..., 2005 - journals.lww.com