

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 41644

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Counteraction of perforated cecum lesions in rats: Effects of pentadecapeptide BPC 157, L-NAME and L-arginine

Running title: Perforated cecum, BPC 157 and the NO system

Domagoj Drmic, Mariam Samara, Tinka Vidovic, Dominik Malekinusic, Marko Antunovic, Borna Vrdoljak, Jelena Ruzman, Marija Milkovic Perisa, Katarina Horvat Pavlov, Jerusha Jeyakumar, Sven Seiwerth, Predrag Sikiric

Abstract

AIM

To study the counteraction of perforated caecum lesion using BPC 157 and NO system agents.

METHODS

Alongside with the agents' application (after 1 min, medication (/kg, 10 mL/2 min bath/rat) includes: BPC 157 (10 µg), L-NAME (5 mg), L-arginine (100mg) alone or combined and saline baths (controls)) on the rat perforate caecum injury, we

Match Overview

1	Internet 174 words crawled on 13-Feb-2018 www.wjgnet.com	3%
2	Internet 70 words crawled on 01-Jan-2017 pdfs.semanticscholar.org	1%
3	Crossref 57 words Krešimir Luetic, Mario Sucic, Josipa Vlainic, Zeljka Belosic Halle, Dean Strinic, Tinka Vidovic, Franka Luetic, Marinko	1%
4	Crossref 32 words Shan-Shan Liu, Qi Shi, Hong-Jia Li, Wei Yang, Su-Su Han, Shao-Qi Zong, Wen Li, Feng-Gang Hou. "Right- and left-s ...	1%
5	Internet 16 words crawled on 05-Oct-2017 real.mtak.hu	<1%
6	Internet 14 words crawled on 03-Oct-2018 www.omicsonline.org	<1%
7	Internet 13 words crawled on 24-Jan-2017 www.jpp.krakow.pl	<1%

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

找到约 114 条结果 (用时 0.48 秒)

The influence of a novel pentadecapeptide, BPC 157, on N(G)-nitro-L ...

<https://www.ncbi.nlm.nih.gov/pubmed/9298922> ▾ [翻译此页](#)

作者: P Sikirić - 1997 - 被引用次数: 135 - [相关文章](#)

The known **effects** of a novel stomach **pentadecapeptide BPC157** (10 microg or 10 ng/kg), namely its salutary activity against ethanol (96%, i.g.)-induced gastric **lesions** ... investigated in **rats** challenged with a combination of N(G)-nitro-L-**arginine** ... Given alone, **BPC157** had an antiulcer **effect**, as did L-**arginine**, but L-NAME ...

缺少字词: counteraction perforated cecum

The influence of gastric pentadecapeptide BPC 157 on acute and ...

<https://www.ncbi.nlm.nih.gov/pubmed/16369461> ▾ [翻译此页](#)

作者: A Boban-Blogaica - 2006 - 被引用次数: 39 - [相关文章](#)

The **effect** of N(G)-nitro-L-**arginine** methyl ester and L-**arginine**. ... L-NAME) were challenged with stable gastric **pentadecapeptide BPC 157**, ... MATERIAL/METHODS: **Mice** received intraperitoneally (i.p.) **BPC 157** (10 microg/kg), L-NAME (10 ...

缺少字词: counteraction perforated cecum lesions

Effects of Diclofenac, L-NAME, L-Arginine, and Pentadecapeptide ...

<https://www.ncbi.nlm.nih.gov/pubmed/27627764> - [翻译此页](#)

作者: N Lojo - 2016 - 被引用次数: 7 - [相关文章](#)

2016年9月14日 - **Effects** of Diclofenac, L-NAME, L-Arginine, and **Pentadecapeptide BPC 157** on Gastrointestinal, Liver, and Brain **Lesions**, Failed Anastomosis, and ... Stable gastric **pentadecapeptide BPC 157** was previously used to ameliorate ... Immediately after anastomosis creation, short-bowel **rats** were untreated or ...

缺少字词: counteraction perforated cecum

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

找到约 307 条结果 (用时 0.63 秒)

Celecoxib-induced gastrointestinal, liver and brain lesions in rats ...

<https://www.ncbi.nlm.nih.gov/pubmed/28839430> - 翻译此页

作者: D Drmic - 2017 - 被引用次数: 3 - 相关文章

2017年8月7日 - ... liver and brain lesions in rats, counteraction by BPC 157 or L-arginine, ... with stable gastric pentadecapeptide BPC 157 (known to inhibit these lesions, ... effects of celecoxib and L-NAME application and in all the BPC 157 ...

缺少字词: perforated cecum

Effects of Diclofenac, L-NAME, L-Arginine, and Pentadecapeptide ...

<https://www.ncbi.nlm.nih.gov/pubmed/27627764> - 翻译此页

作者: N Lojo - 2016 - 被引用次数: 7 - 相关文章

2016年9月14日 - Effects of Diclofenac, L-NAME, L-Arginine, and Pentadecapeptide BPC 157 on Gastrointestinal, Liver, and Brain Lesions, Failed Anastomosis, and ... Stable gastric pentadecapeptide BPC 157 was previously used to ameliorate wound ... Short-bowel rats exhibited poor anastomosis healing, failed intestine ...

缺少字词: counteraction perforated cecum

The influence of a novel pentadecapeptide, BPC 157, on N(G)-nitro-L ...

<https://www.ncbi.nlm.nih.gov/pubmed/9298922> - 翻译此页

作者: P Sikirić - 1997 - 被引用次数: 137 - 相关文章

The known effects of a novel stomach pentadecapeptide BPC157 (10 microg or 10 ng/kg), namely its salutary activity against ethanol (96%, i.g.)-induced gastric lesions ... investigated in rats challenged with a combination of N(G)-nitro-L-arginine ... Given alone, BPC157 had an antiulcer effect, as did L-arginine, but L-NAME ...

缺少字词: counteraction perforated cecum

gastric fistula: Topics by Science.gov

<https://www.science.gov/topicpages/g/gastric+fistula>

Stable gastric pentadecapeptide BPC 157 heals rat colovesical fistula. ... through the fistula, there was counteraction of advanced adhesion formation or there was On surgery, acute and perforated

找到约 307 条结果 (用时 0.63 秒)

Celecoxib-induced gastrointestinal, liver and brain lesions in rats ...

<https://www.ncbi.nlm.nih.gov/pubmed/28839430> - 翻译此页

作者: D Drmic - 2017 - 被引用次数: 3 - 相关文章

2017年8月7日 - ... liver and brain lesions in rats, counteraction by BPC 157 or L-arginine, ... with stable gastric pentadecapeptide BPC 157 (known to inhibit these lesions, ... effects of celecoxib and L-NAME application and in all the BPC 157 ...

缺少字词: perforated cecum

Effects of Diclofenac, L-NAME, L-Arginine, and Pentadecapeptide ...

<https://www.ncbi.nlm.nih.gov/pubmed/27627764> - 翻译此页

作者: N Lojo - 2016 - 被引用次数: 7 - 相关文章

2016年9月14日 - Effects of Diclofenac, L-NAME, L-Arginine, and Pentadecapeptide BPC 157 on Gastrointestinal, Liver, and Brain Lesions, Failed Anastomosis, and ... Stable gastric pentadecapeptide BPC 157 was previously used to ameliorate wound ... Short-bowel rats exhibited poor anastomosis healing, failed intestine ...

缺少字词: counteraction perforated cecum

The influence of a novel pentadecapeptide, BPC 157, on N(G)-nitro-L ...

<https://www.ncbi.nlm.nih.gov/pubmed/9298922> - 翻译此页

作者: P Sikirić - 1997 - 被引用次数: 137 - 相关文章

The known effects of a novel stomach pentadecapeptide BPC157 (10 microg or 10 ng/kg), namely its salutary activity against ethanol (96%, i.g.)-induced gastric lesions ... investigated in rats challenged with a combination of N(G)-nitro-L-arginine ... Given alone, BPC157 had an antiulcer effect, as did L-arginine, but L-NAME ...

缺少字词: counteraction perforated cecum

gastric fistula: Topics by Science.gov

<https://www.science.gov/topicpages/g/gastric+fistula>

Stable gastric pentadecapeptide BPC 157 heals rat colovesical fistula. ... through the fistula, there was counteraction of advanced adhesion formation or there was On surgery, acute and perforated