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Basic Study

Ubiquitin-specific protease 22 enhances intestinal cell proliferation and tissue regeneration after intestinal ischemia reperfusion injury

Ji AL *et al.* USP22 in intestinal I/R injury

An-Long Ji, Tong Li, Guo Zu, Dong-Cheng Feng, Yang Li, Guang-Zhi Wang, Ji-Hong Yao, Xiao-Feng Tian

Abstract

BACKGROUND

Intestinal ischemia reperfusion (I/R) injury is a serious however common

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Glutamine ameliorates intestinal ischemia-reperfusion Injury in rats by ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4555682/>  [翻译此页](#)作者 : AL Wang - 2015 - 被引用次数 : 22 - [相关文章](#)

2015年7月1日 - Ischemia-reperfusion (I/R)-mediated **intestinal mucosal injury** is usually ... appears essential for the viability and **growth** of **intestinal cells**. ... Studies show that glutamine pre-supplementation **improves** survival **after I/R** in mice models [14]. ... Three sections were prepared from each fixed **tissue** sample, and ...

缺少字词 : USP22 regeneration

miR-381-3p knockdown improves intestinal epithelial proliferation and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5852084/> - [翻译此页](#)作者 : L Liu - 2018 - 被引用次数 : 2 - [相关文章](#)

2018年3月14日 - We induced an in vivo **intestinal I/R injury** mouse model by clamping ... Increased epithelial **cell proliferation** contributes to **enhance intestinal** epithelial barrier ... Nurr1 **enhances intestinal** epithelial **regeneration** and barrier function **after** ... blot showing nurr1 protein expression in the **intestinal tissue** lysates ...

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[PDF] Inhibition of ERK1/2 Worsens Intestinal Ischemia/Reperfusion Injury

<https://pdfs.semanticscholar.org/.../c49483fc9a9b12d30e2382c207b364553...>  [翻译此页](#)作者 : K Ban - 2013 - 被引用次数 : 19 - [相关文章](#)

2013年9月20日 - on **intestinal cell proliferation** and apoptosis, **intestinal** permeability, lung ... ERK1/2 has been implicated in **tissue injury** induced by I/R, However, **after intestinal I/R**, U0126 significantly **enhanced** and DNA **repair** signals.

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作者 : J Grootjans - 2010 - 被引用次数 : 129 - 相关文章

In addition, **intestinal IR** resulted in **enhanced tissue** mRNA expression of IL-6, IL-8, ... **After** 30 minutes of jejunal **ischemia** the epithelial lining remained intact and ... contribute substantially to IR-induced **tissue damage**.¹¹ Apart from local **tissue** ... incubated with **specific** primary antibody at room temperature for 60 minutes.

缺少字词 : protease proliferation

INTESTINAL ISCHEMIA-REPERFUSION INJURY ALTERS ...

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作者 : PM Milano - 2008 - 被引用次数 : 21 - 相关文章

Intestinal ischemia-reperfusion (IIR) injury is known to initiate the systemic ... states (19–22), have been implicated in protection from **ischemia-reperfusion injury** (23–25), ... Significant differences in **tissue** purinergic receptor expression were P2Y nucleotide receptors are ubiquitously expressed on epithelial **cells**, with ...

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缺少字词: [protease proliferation](#)

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