

[Acute lung injury in acute pancreatitis – Awaiting the big ...](#)

<https://www.sciencedirect.com/science/article/pii/S0954611112002004>

Sep 01, 2012 · **Acute lung injury** is a severe complication to **acute pancreatitis** and a significant health problem associated with a considerable mortality. Underlying mechanisms are complex and poorly understood, although recent insights have identified several inflammatory profiles and cellular components involved to varying degrees during different phases of pancreatitis exacerbation and **acute lung injury**.

Cited by: 67 Author: Hamid Akbarshahi, Ann H. Rosendahl, G...

Publish Year: 2012

[LipoxinA4 attenuates acute pancreatitis-associated acute ...](#)

<https://www.sciencedirect.com/science/article/pii/S0161589018307363>

Nov 01, 2018 · LipoxinA4 attenuates **acute pancreatitis-associated acute lung injury** by regulating AQP-5 and MMP-9 expression, anti-apoptosis and PKC/SSeCKS-mediated F-actin activation Author links open overlay panel Zhehao Shi a 1 Wen Ye a 1 Jiecheng Zhang a Fan Zhang a Dinglai Yu a Huajun Yu a Bicheng Chen a b Mengtao Zhou a b Hongwei Sun a

Cited by: 7 Author: Zhehao Shi, Wen Ye, Jiecheng Zhang, Fa...

Publish Year: 2018

[Lipoxin A4 Ameliorates Acute Pancreatitis-Associated Acute ...](#)

<https://www.hindawi.com/journals/omcl/2019/2197017>

Acute lung injury (ALI) is a critical event involved in the pathophysiological process of **acute pancreatitis** (AP). Many methods have been widely used for the treatment of AP-ALI, but few are useful during early inflammation. Lipoxin A4 (LXA4), a potent available anti-inflammatory and novel antioxidant mediator, has been extensively studied in AP-ALI, but its underlying mechanism as a ...

Cited by: 7 Author: Wen Ye, Chenlei Zheng, Dinglai Yu, Fan ...

Publish Year: 2019

[Apelin-36 protects against lipopolysaccharide-induced ...](#)

<https://europepmc.org/article/PMC/PMC7673347>

Nov 12, 2020 · Introduction. **Acute lung injury** (ALI) and **acute respiratory distress syndrome** (ARDS) are major clinical syndromes of **acute respiratory failure** that can be caused by infectious factors, such as bacterial and viral infections, and non-infectious factors, such as inhalation of toxic gas, blood transfusion, drug poisoning and **acute pancreatitis** (1,2).ALI may lead to alveolar epithelium or vascular ...

Author: Qiong He, Yuqiao Wang, Hua Yang, Ji... Publish Year: 2020

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Alleviation of acute pancreatitis-associated lung injury by inhibiting



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microRNA-542-5p protects against **acute lung injury** in mice with severe **acute pancreatitis** by suppressing the **mitogen-activated protein kinase** signaling **pathway** through the negative regulation of ...

Acute lung injury: The therapeutic role of Rho kinase ...

<https://www.sciencedirect.com/science/article/pii/S1043661819328245>

May 01, 2020 · Furthermore, two in vitro models of LPS-induced **pulmonary microvascular endothelial cells injury** demonstrated the positive role of Rho **kinase** inhibition involvement in the decrease of apoptosis via the downstream of c-Jun N-terminal **kinase** (JNK) and the **p38** MAPKs signaling **pathway** or via an increase of **endothelial** nitric oxide synthase (eNOS ...

Cited by: 14

Author: Farshad Abedi, A. Wallace Hayes, Russ...

Publish Year: 2020

81649 - Gene ResultMapk14 mitogen activated protein ...

<https://www.ncbi.nlm.nih.gov/gene/81649>

Dec 13, 2020 · The **p38-mitogen-activated protein kinase** activated **protein kinase 2** (MK2) **pathway** is a component of the signaling cascade regulating oligodendrocyte differentiation. Results suggest that myricetin reduces I(K(V)) by **p38** dependent mechanisms in sensory neurons.



3 Name of Journal: *World Journal of Gastroenterology*
Manuscript NO: 61970
Manuscript Type: ORIGINAL ARTICLE

Basic Study
Alleviation of acute pancreatitis-associated lung injury by inhibiting the p38 mitogen-activated protein kinase pathway in pulmonary microvascular endothelial cells

Zhang XX *et al.* Treatment SAP-ALI with p38 inhibition

Xiao-Xin Zhang, Hao-Yang Wang, Xue-Fei Yang, Zi-Qi Lin, Na Shi, Chan-Juan Chen, Lin-Bo Yao, Xin-Min Yang, Jia Guo, Qing Xia, Ping Xue

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pancreatitis-associated lung injury via inhibiting the levels of that apoptosis plays a critical role in acute pancreatitis-associated therapeutic approach for the treatment of acute pancreatitis-

Acute lung injury: The therapeutic role of Rho kinase ...

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May 01, 2020 · Furthermore, two in vitro models of LPS-induced pulmonary microvascular endothelial cells injury demonstrated the positive role of Rho kinase inhibition involvement in the decrease of apoptosis via the downstream of c-Jun N-terminal kinase (JNK) and the p38 MAPKs signaling pathway or via an increase of endothelial nitric oxide synthase (eNOS ...

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Author: Farshad Abedi, A. Wallace Hayes, Russ...

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81649 - Gene ResultMapk14 mitogen activated protein ...

<https://www.ncbi.nlm.nih.gov/gene/81649>

Dec 13, 2020 · The p38-mitogen-activated protein kinase activated protein kinase 2 (MK2) pathway is a component of the signaling cascade regulating oligodendrocyte differentiation. Results suggest that myricetin reduces I(K(V)) by p38 dependent mechanisms in sensory neurons.

Interleukin 22 attenuated angiotensin II induced acute ...

<https://www.nature.com/articles/s41598-017-02056-w>

May 19, 2017 · Apoptosis of pulmonary microvascular endothelial cells (PMVECs) was considered to be closely related to the pathogenesis of acute lung injury (ALI). We ...

Cited by: 11

Author: Zhiyong Wu, Zhipeng Hu, Xin Cai, Wei Re...

Publish Year: 2017

Frontiers | Inhibition of NKCC1 Modulates Alveolar Fluid ...

<https://www.frontiersin.org/articles/10.3389/fimmu.2018.02049>

Sep 13, 2018 · Background: The expression of Na-K-2Cl cotransporter 1 (NKCC1) in the alveolar epithelium is responsible for fluid homeostasis in acute lung injury (ALI). Increasing evidence suggests