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Basic Study

Calpain-2 activity promotes aberrant endoplasmic reticulum stress-related apoptosis in hepatocytes

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Abstract

BACKGROUND

Calpain-2 is a Ca^{2+}-dependent cysteine protease and high calpain-2 activity can enhance apoptosis mediated by multiple triggers.

AIM

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Calpain-2 activity promotes aberrant endoplasmic reticulum s

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https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3107571

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Cited by: 1816 **Author:** Ira Tabas, David Ron

Publish Year: 2011

Mediators of endoplasmic reticulum stress-induced apoptosis

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1559676

May 05, 2006 · Mediators of **endoplasmic reticulum** stress-induced **apoptosis** Eva Szegezdi , 1, 2 Susan E Logue , 1, 2 Adrienne M Gorman , 1 and Afshin Samali 1, a 1 Department of Biochemistry and National Centre for Biomedical Engineering Science, National ...

Cited by: 1988 **Author:** Eva Szegezdi, Susan E Logue, Adrienne ...

Publish Year: 2006

Endoplasmic reticulum stress-induced hepatic stellate cell ...

https://www.researchgate.net/publication/263395325_Endoplasmic_reticulum_stress...

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Copper sulfate (CuSO 4) can induce **endoplasmic reticulum** (ER) stress and **apoptosis** in the mouse

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Cited by: 1823 **Author:** Ira Tabas, David Ron
Publish Year: 2011

Copper sulfate-induced endoplasmic reticulum stress ...

https://www.sciencedirect.com/science/article/pii/S0147651320300750

Copper sulfate (CuSO 4) can induce **endoplasmic reticulum** (ER) stress and **apoptosis** in the mouse liver.. CuSO 4-caused ER stress can **promote** hepatic **apoptosis**.. The CHOP, JNK and caspase-12 apoptotic signaling pathwaysactivated by Cu-induced ER stress are systematically expounded.

Author: Hongbin Wu, Hongrui Guo, Huan Liu, … **Publish Year:** 2020

Endoplasmic Reticulum Stress and Related Pathological ...

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The ER is an interconnected network of tubules, vesicles and flattened sacs, and is classified as either