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Basic Study

Overexpression of HMGB1 A-box reduced lipopolysaccharides-induced intestinal inflammation *via* HMGB1/TLR4 signaling *in vitro*

Wang F *et al.* HMGB1 A-box reduced LPS-induced intestinal inflammation.

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Hmgb1 high mobility group box 1 [(house mouse)]

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2015年3月8日 - HMGB1 is the major TLR4 ligand in sickle cell disease and likely plays a ... which acts through TLR4 and RAGE to induce excessive inflammatory responses. ... HMGB1 expression after low-dose LPS preconditioning. increase in ... High mobility group box 1 promotes small intestinal damage induced by ...

Hmgb1 high mobility group box 1 [(Norway rat)]

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SNCA-induced impairment of autophagy occurs, in part, through HMGB1. ... augmented lipopolysaccharide induced lung injury by up-regulating HMGB1. ... including HMGB1 protein. gene silencing reduces inflammation and acute lung ... the mechanism is probably related to inhibition of HMGB1/TLR4 signaling pathways.

HMGB1 high mobility group box 1 [(human)]

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HMGB1 is the major TLR4 ligand in sickle cell disease and likely plays a critical ... to lung inflammation through release of HMGB1 and induces necroptosis of lung ... HMGB1 overexpression has a significant role in tumor progression ... severe vascular inflammatory diseases via inhibition of the HMGB1 signaling pathway.

Hmgb1 - high mobility group box 1 - iHOP

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HRG also competed with HMGB1 for heparin binding in vitro. ... GP administration also reduced the LPS-stimulated interaction of HMGB1 with ... induces the release of high mobility group box 1 via the IFN-beta signaling pathway. ... Fas (CD95) induces rapid, TLR4/IRAK4-dependent release of pro-inflammatory HMGB1 ...