

SHOCK®

Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: D-JNK-1 reduces apoptosis after hemorrhage/resuscitation (H/R). Apoptosis was assessed by TUNEL assay (top row) and immunohistochemical staining of the caspase cleavage product cytokeratin 18 (bottom row). TUNEL-stained liver sections from sham-operated rats (A, vehicle treatment; B, D-JNKI-1 treatment). M30-stained liver sections from sham-operated rats (E, vehicle treatment; F, D-JNKI-1 treatment). TUNEL-stained liver section from rats after H/R (C, vehicle treatment; D, D-JNKI-1 treatment). M30-stained liver sections from rats undergoing H/R (G, vehicle treatment; H, D-JNKI-1 treatment). See Lehnert et al., pages 159–165, 2008.