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### *Basic Study*

**Hydrogen-rich water protects against inflammatory bowel disease in mice by inhibiting endoplasmic reticulum stress and promoting heme oxygenase-1**

Shen NY *et al.* HRW alleviates DSS-induced IBD

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The activated IRE1 has both kinase activity that promotes activation of JUN N-terminal ... Xbp1<sup>ΔIEC</sup> mice exhibit increased ER stress in the small intestine as ... (TNFα) in intestinal inflammation, Xbp1<sup>ΔIEC</sup> mice are protected from enteritis upon .... of Crohn's disease through the discovery of autophagy-related 16-like 1 ...

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