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Basic Study

Temporal clinical, proteomic, histological and cellular immune responses of dextran sulfate sodium-induced acute colitis

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Abstract

AIM

To investigate the temporal clinical, proteomic, histological and cellular immune profiles of dextran sulfate sodium (DSS)-induced acute colitis.

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Temporal proteomic analysis of acute Dextran Sulfate Sodium ...

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2017年9月15日 - Dextran Sulfate Sodium (DSS)-induced colitis is a chemical model largely used for ... epithelial layer with the involvement of Th1, Th2 and Th17 responses. ... at days 4 and 5, that correlated to the worsening of clinical symptoms. ... Further analysis of histology and immune cellular profile will be carried out.

Temporal genomewide expression profiling of DSS colitis ... - NCBI - NIH

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Dextran sodium sulfate (DSS)-induced colitis is widely used to study ... with ulcerative colitis (UC) specimens to identify novel and common responses during disease. ... Half of each specimen was used for histopathological analysis and half for ... cellular growth and proliferation, and cell-to-cell signaling responses.

缺少字词 : proteomic

Temporal genomewide expression profiling of DSS colitis reveals ...

https://www.researchgate.net/.../47349334_Temporal_genomewide_expression_profilin...

2018年3月7日 - Temporal genomewide expression profile analysis of DSS-induced colitis revealed novel associations with various immune responses and tissue ... inflammatory and angiogenesis genes similar to ulcerative colitis Clinical signs of colitis were measured after mice drank Jan



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MEV Johansson, JK Gustafsson, KE Sjöberg... - PloS one, 2010 - journals.plos.org

... Proteomic analysis of these bands as performed previously did not reveal any alterations in the ...

Tissue sections revealed normal histology at 12 and 24 h. The epithelial cells had a ... net-like structures [8]. Analysis of the Muc2 mucin by gel electrophoresis and proteomics did not ...

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Systemic Responses of Mice to Dextran Sulfate Sodium-Induced Acute Ulcerative Colitis Using ¹H NMR Spectroscopy

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作者: K Yoshihara - 2006 - 被引用次数: 71 - 相关文章

IL-15 KO mice exhibited resistance to DSS induced acute colitis, as reflected by lower ... Dextran sulphate sodium (DSS) induced colitis, one of most popular murine ... an important role in both innate and adaptive phases of immune responses. mice: increased T helper cell type 1 response and ability to transfer disease.

缺少字词: temporal proteomic

Investigating Intestinal Inflammation in DSS-induced Model of IBD

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3369627/>  翻译此页

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2012年2月1日 - Colonic histological damage is assessed by using a scoring system that considers loss of crypt architecture, inflammatory cell infiltration, During the duration of the DSS treatment, DAI can be used to assess and evaluate the clinical Dextran sulfate sodium-induced colitis occurs in severe combined ...

缺少字词: proteomic

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www.scielo.br/pdf/ag/v51n2/0004-2803-ag-51-02-107.pdf  翻译此页

作者: LG OLIVEIRA - 2014 - 被引用次数: 7 - 相关文章

and cell function, regulation of immune response, ... Methods - Colitis was induced by oral administration of 5% dextran sulfate sodium for seven days in this ...

缺少字词: proteomic