

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 48174

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Mucosal healing progression after acute colitis in mice

Vidal-Lletjós S *et al.* Healing progression after an AC episode

³
Sandra Vidal-Lletjós, Mireille Andriamihaja, Anne Blais, Marta Grauso, Patricia Lepage, Anne-Marie Davila, Claire Gaudichon, Marion Leclerc, François Blachier, Annaïg Lan

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PLOS ONE: Mucosal Healing and Fibrosis after Acute or ...

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In FVB-N mice, the most severe colitis and fibrosis was observed after 3 days of recovery following one cycle of DSS. By 7 days of recovery, DSS treated FVB-N mice showed reduced colitis and fibrosis scores which did not differ significantly from water controls.

Published in: PLOS ONE · 2012

Authors: Shengli Ding · Kristen L W Walton · Randall Eric Blue · Kirk K Macnaughton · Scott T ...

Affiliation: University of North Carolina at Chapel Hill · Missouri Western State University

About: Extracellular matrix · Weight loss · Vimentin · Fluorescence microscope · Wild type · I...

Colitis and Inflammatory Bowel Disease | Biomodels

www.biomodels.com/.../colitis-and-inflammatory-bowel-disease ▾

Colitis and Inflammatory Bowel Disease. Animals are given DSS-treated drinking water according to a 5 days on, 7 days off cycle for a period of 3 cycles and are evaluated daily for survival, body weight, evidence of bloody stool and diarrhea. Endoscopy occurs ...

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Oct 16, 2013 · Aluminum extends colitis duration and decreases the mucosal healing. Besides its effects on colitis severity, we investigated the influence of oral administration of AluCi at 1.5 mg Al element kg⁻¹ on colitis duration in C57BL6 mice submitted to one cycle of 2% DSS for 7 days (Figure 7a). Colonic lesions were evaluated during the 19-days ...

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Jul 13, 2016 · Acute colitis with mucosal injury was induced by DSS in drinking water for 5 days (Fig 1A). Chronic colitis with intestinal fibrosis was induced by treatment with DSS in drinking water for 5 days and followed by normal water for 2 weeks (Fig 1A) [20].

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Author: Kenji Suzuki, Somasundaram Arumugam...

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Author: G Pineton de Chambrun

(PDF) Aluminum enhances inflammation and decreases ...

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Aluminum enhances inflammation and decreases mucosal healing in experimental colitis in mice.pdf

(PDF) Mucosal Healing and Fibrosis after Acute or Chronic ...

<https://www.academia.edu/18939360> ▾

Ideally, wound-healing CD, chronic inflammation is typically transmural, extending responses after acute injury or inflammation will lead to mucosal through the mucosal layer to underlying submucosa, muscularis healing and restoration of normal tissue architecture.

Pivotal Role of Carbohydrate Sulfotransferase 15 in ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4943596>

Acute colitis with mucosal injury was induced by DSS in drinking water for 5 days (Fig 1A). Chronic colitis with intestinal fibrosis was induced by treatment with DSS in drinking water for 5 days and followed by normal water for 2 weeks (Fig 1A) [20].

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Correction: Mucosal Healing and Fibrosis after Acute or Chronic Inflammation in Wild Type FVB-N Mice and C57BL6 Procollagen $\alpha 1(I)$ -Promoter-GFP Reporter Mice.pdf Mucosal Healing and Fibrosis after ...

Definition and evaluation of mucosal healing in clinical ...

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Definition and evaluation of mucosal healing in clinical practice. ... has become an important therapeutic goal in Crohn's Disease and Ulcerative Colitis. Mucosal healing is associated with lower rates of hospitalization and surgery, although its role in preventing progression and changing the natural

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作者: S Ding - 2012 - 被引用次数: 29 - 相关文章

2012年8月3日 - We previously reported that mice on a mixed C57BL6/SJL background show mucosal repair and disease recovery during 10 days after a single cycle of DSS [10]. ... Thus DSS colitis in this genetic background provides opportunities to study mesenchymal responses during acute mucosal injury and mucosal healing.

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Experimental Models of Inflammatory Bowel Diseases - NCBI

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