

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53595

Title: Adipose-derived mesenchymal stem cells alleviate the TNBS-induced Crohn's disease phenotype in rats by influencing intestinal epithelial cell regeneration, Wnt signaling and T cell immunity

Reviewer's code: 02848013

Position: Editorial Board

Academic degree: MD

Professional title: Chief Doctor, Surgeon

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2019-12-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-01-02 16:43

Reviewer performed review: 2020-01-11 12:44

Review time: 8 Days and 20 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Dear Author, I read with interest the article entitled "Adipose-derived mesenchymal stem cells alleviate the TNBS-induced Crohn's disease phenotype in rats by influencing intestinal epithelial cell regeneration, Wnt signaling and T cell immunity". The study analyzes the effects of adipose-derived stem cells on an experimental model of crohn's colitis in the rat. The topic is very interesting and current, being that of stem cells one of the areas of greatest interest in the research for new therapies for Crohn's disease. The study is well conducted and designed with interesting results, even if partially new. In the general setting there are some errors and in particular, in the results chapter, there are paragraphs in which comments are expressed (for example "Successful isolation and identification of ADSCs" or "ADSCs induced a protective response in rats with TNBS-induced colitis") which instead should be included only in the discussion. Similarly, again in the discussion chapter, there are paragraphs which describe the methods used. These should only be included in the methods chapter. Similarly, again in the discussion chapter, there are paragraphs which describe the methods used. This creates a mix of information that makes understanding and analytical reading more difficult.