

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**ESPS manuscript NO:** 23112

**Title:** Astragalus polysaccharide attenuates rat experimental colitis by inducing regulatory T cells in intestinal Peyer's patches

**Reviewer's code:** 00050232

**Reviewer's country:** Brazil

**Science editor:** Ze-Mao Gong

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> [ Y] Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> [ Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [ ] High priority for publication
<input checked="" type="checkbox"/> [ Y] Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> [ ] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [ ] Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> [ Y] No	<input type="checkbox"/> [ ] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> [ Y] No	

## COMMENTS TO AUTHORS

The manuscript addresses an important topic of the inflammatory process, that is, the role of regulatory T cells in the inflammatory process in experimental colitis, similar to Crohn's disease, using a Chinese herb that has shown anti-inflammatory effect in various diseases. The result indicates that TNBS- induced experimental colitis is ameliorated by the restoration of regulatory T cells and the inhibition of IL -17. The drug's behavior is similar to the use of mezalazine, which is considered to be little efficient to treat Crohn's disease. It would have been better if the authors had compared the herb to anti-TNF antibody. Despite the problem mentioned, the work deserves to be published as it is an original contribution using suitable technology.