

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 16379

**Title:** Neurochemical features of endomorphin-2-containing neurons in the submucosal plexus of the rat colon

**Reviewer's code:** 00037832

**Reviewer's country:** Japan

**Science editor:** Jing Yu

**Date sent for review:** 2015-01-15 08:45

**Date reviewed:** 2015-03-11 14:10

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> 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"/> 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"/> No	

## COMMENTS TO AUTHORS

The authors submit a manuscript addressing the distribution and neurochemical phenotypes of endomorphin-2 (EM-2)-containing neurons in the submucosal plexus of the rat colon. The authors stated that exploring the distribution and chemical nature of the EM-IR structures in the submucosal plexus is fundamental to clarifying the regulatory mechanisms of morphine and opioid peptides on GI function. The authors previously reported that EM2 containing neurons located in the enteric neurons in the myenteric plexus of the mid-colon [Frontiers in Neuroanatomy, 2014]. Furthermore, they also reported that EM2 inhibited first IJPs thereby enhancing spontaneous contractions in the colonic smooth muscle. Here, the authors continue similar study on the submucosal plexus to further explore distribution of EM-2 containing neurons using immunohistochemistry. However, data themselves are new.