

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 25915

**Title:** Increased duodenal expression of miR-146a and -155 in pediatric Crohn's disease

**Reviewer's code:** 00009292

**Reviewer's country:** Italy

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2016-03-26 19:09

**Date reviewed:** 2016-04-18 21:11

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

### COMMENTS TO AUTHORS

This is an interesting study (PMID: 26752469) which proposes an already published observation by the authors themselves, but in a different tract of the intestine. I have a few observations in this regard, in particular: In Materials and Methods authors should specify the protocol used to isolate primary cells, or indicate a reference. They should also explain why they used tissue obtained from healthy controls, and not subjects with CD. Authors should also clarify whether the diseased and healthy tissues were obtained from intestinal biopsies derived, at least in some cases, from the same patient. From the data of Table 1, it seems that in many cases biopsies were derived from different patients, this requires a comment. Authors should add the RNA extraction protocol, or a reference. In the previous paper, mentioned above, the role of miRNAs has been studied using, both in immortalized and primary cells, TNF alfa as inflammatory stimulus. It would be interesting to do the same on duodenal cells, and possibly the effect of TGF beta could be evaluated on this pattern of inflammation. Tables 2 and 3 can be removed. This is not a review, and the most relevant articles can be discussed in the text. Finally, English should be reviewed, for example the term primer referred to duodenal cells is not clear.