

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 30037

**Title:** MiRNA-133a-UCP2 pathway regulates inflammatory bowel disease progress by influencing inflammation, oxidative stress and energy metabolism

**Reviewer's code:** 02998624

**Reviewer's country:** Brazil

**Science editor:** Jing Yu

**Date sent for review:** 2016-09-06 18:14

**Date reviewed:** 2016-09-08 21:51

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 checked="" 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 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

Questions: 1) What the dose or precise volume of siRNA and RNA mimic was administrated through intravenous injection? 2) Did the animals anestheseate for this procedure of administration intravenous injection? 3) In the results showed in the figures 3, 4 and 5. What statistical analysis were used? Did the differences between groups analyze by Student's t-test? Because it showed three or four groups, so the more correct statistics analysis would be Dunnett test, or other post test for three or more groups and not two group as student's test.

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**ESPS manuscript NO:** 30037

**Title:** MiRNA-133a-UCP2 pathway regulates inflammatory bowel disease progress by influencing inflammation, oxidative stress and energy metabolism

**Reviewer's code:** 03255019

**Reviewer's country:** United Kingdom

**Science editor:** Jing Yu

**Date sent for review:** 2016-09-06 18:14

**Date reviewed:** 2016-09-21 05:49

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"/> Accept
<input checked="" 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 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input 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

The paper is interesting. The methods are clear and robust. Although the design was based on just a few publications, the article explores the potential role of the miR-133a-UCP2 pathway in the pathogenesis of IBD. The findings provide a basis to conduct studies in humans to investigate this pathway, further understand the precise molecular mechanisms and potentially assess the utility of identifying therapeutic targets for IBD. The paper reads well, although it needs some degree of language polishing. For example, 'IBD progress' in the title could be changed to 'IBD progression' and so forth.