

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11719

**Title:** MicroRNA profiling of the intestine during hypothermia circulatory arrest in swine

**Reviewer code:** 02890068

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-02 22:39

**Date reviewed:** 2014-06-17 19:47

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Which statistical program used name it please

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11719

**Title:** MicroRNA profiling of the intestine during hypothermia circulatory arrest in swine

**Reviewer code:** 02397853

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-02 22:39

**Date reviewed:** 2014-07-14 10:20

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<input checked="" 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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The paper by Lin et al. addressed that the difference in microRNAs expression levels during HCA, which involves in the specific miRNAs on the process of HCA. The experimental plans are organized.

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11719

**Title:** MicroRNA profiling of the intestine during hypothermia circulatory arrest in swine

**Reviewer code:** 02928799

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-06-02 22:39

**Date reviewed:** 2014-07-24 11:32

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		BPG Search:	<input type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

This manuscript concerns HCA-regulated miRNA expression in swine intestine. By conducting a miRNA array experiment, the authors targeted some miRNAs which might be significant in HCA or I/R-induced tissue injury. 1. Overall, the research design is very decent with adequate animal experiment, miRNA sample preparation, and array profiling. 2. The authors should provide more evidence to proof the results from the array data. Though GeneChip miRNA Array from Exiqon is well known for its high accuracy, the authors should do at least one more validation specifically for those miRNAs with significant changes listed in the Table 1. 3. Alternatively, the authors should provide data on the expression levels of the candidate genes regulated by those significantly changed miRNAs. This would help to proof the significance of these miRNAs as well as to link those miRNAs and pathological observation shown in Figure 1a. 4. The English writing in this manuscript requires a modification by a native English speaker. The name who performed the first HCA experiment is Bigelow, not Biglow (Introduction, line 1).