



## BAISHIDENG PUBLISHING GROUP INC

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### ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Oncology

**ESPS manuscript NO:** 17909

**Title:** Helicobacter pylori and microRNAs - relation with innate immunity and progression of preneoplastic conditions

**Reviewer's code:** 02683167

**Reviewer's country:** Spain

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-03-29 20:27

**Date reviewed:** 2015-05-18 21:25

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input 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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

This is a very exhaustive compilation about the role of miRNAs in Helicobacter pylori infection. This manuscript constitutes an important contribution to the field with the main information included. Only some minor points should be addressed: -Page 12, last paragraph, line 7: "...gastric mucosa bot not in..." -Page 14, line 16: "...mir-370 levels were was..." -Page 21, last paragraph: please, indicate the best microRNAs candidates for markers of disease or therapeutic targets. In addition, methods for potential modulation of miRNAs should be discussed.



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Oncology

**ESPS manuscript NO:** 17909

**Title:** Helicobacter pylori and microRNAs - relation with innate immunity and progression of preneoplastic conditions

**Reviewer's code:** 02682232

**Reviewer's country:** Iran

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-03-29 20:27

**Date reviewed:** 2015-05-13 01:44

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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"/> 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 checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

Dear authors, I think your paper similar a review paper, But very short,in fact its a collection,so This paper should has analyze for control And patient group. Regards



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Oncology

**ESPS manuscript NO:** 17909

**Title:** Helicobacter pylori and microRNAs - relation with innate immunity and progression of preneoplastic conditions

**Reviewer's code:** 02445638

**Reviewer's country:** United States

**Science editor:** Yue-Li Tian

**Date sent for review:** 2015-03-29 20:27

**Date reviewed:** 2015-05-06 05:09

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 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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

### COMMENTS TO AUTHORS

Libanio et al. have written a detailed informative review of the role of Helicobacter pylori (HP) and microRNAs in specific immune response, and resulting cancer progression of the stomach. The paper is very well written and referenced, and deals with a fascinating subject that is timely, and new. They begin with an introduction dealing with the interaction of (HP) factors and their interaction with host genes involved in inflammation and gastritis, the generation of micro RNAs and how they might play a role in genetic control and subsequent development of cancer. Specific micro RNAs and how they are influenced by HP infection and toxin production have been discussed. Over and under expression of specific micro RNAs and their ramifications are given. A possible role for epigenetics is addressed with the suggestion that global and CpG hyper-methylation involved in chromatin remodeling and gene expression may be regulated by differential expression of microRNAs. Specific microRNAs implicated in the control of cancer pathways such as TGF- $\beta$  and MAPK are referenced, as well as RB1 and the E2F, and Forkhead box M1 family of transcription factors. Most of these studies are correlative as opposed to definitive, but the possibilities are real and the review of them is



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instructive. The review itself is a lot to take in as it presents a great deal of information- and this is both its strength and weakness. You cannot just sit and read it through, it takes a lot of time. I would not suggest changing that though. For those in the fields of gastric carcinoma, microRNA, immunology, and microbiology it will be a real plus to have a cogent explanation of the interaction of these fields, and for the reader who is less involved- it is readable, comprehensive, and thorough.