

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 14531

**Title:** Role of Quorum Sensing in Bacterial Infections

**Reviewer's code:** 00722050

**Reviewer's country:** Afghanistan

**Science editor:** Yue-Li Tian

**Date sent for review:** 2014-10-13 16:10

**Date reviewed:** 2014-10-17 00:02

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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 checked="" type="checkbox"/> Minor revision
		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 article "Role of Quorum Sensing in Bacterial Infections" is very interesting. However, a few aspects need to be addressed. The core tip sentence is too long. It needs to be shortened. Another similar problem is that many sentences are too long as seen on page 7. The concept of how 195 functional HSL-QS communication systems are able to produce elastase (LasB and LasA) is not clear and needs to be clarified. What is the role in patients or mice harboring a deficiency of the alpha-1-antitrypsin gene? It may be clarified this aspect that may be important for the reasons of major pulmonary inflammation (pneumonia) events in patients with AATD (alpha-1-antitrypsin-deficiency). The sentence: In addition, the elucidation of factors that shape the mosaic-like composition of isolates in patients or in animal models (severity and progression of the infection, nutritional status, bacterial load, etc.), need to be studied in order to design better anti-QS therapies than the current ones that are focused on laboratory strains with QS-proficient systems rather than clinical strains recently isolated from infections is too vague and needs clarified in detail. Specifically, it should be indicated how we can address animal models targeting severity and progression of the infection, nutritional status, bacterial load, etc. This is very important for the



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

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reader and a senior molecular biologist of their institution may indicate these aspects including a table and a figure.

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 14531

**Title:** Role of Quorum Sensing in Bacterial Infections

**Reviewer's code:** 00058198

**Reviewer's country:** Turkey

**Science editor:** Yue-Li Tian

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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"/> 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"/> Plagiarism	<input checked="" 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

Thank you

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 14531

**Title:** Role of Quorum Sensing in Bacterial Infections

**Reviewer's code:** 00717554

**Reviewer's country:** Afghanistan

**Science editor:** Yue-Li Tian

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	PubMed 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

I would like to mention the following comments: 1- References 2 and 3 are different from others in the text. 2- Many parts should be divided in more paragraphs; i.e., sometimes the paragraphs are too long. 3- The structure of text is not clear. For example, at first, the authors say that they are going to compare QS in vitro and invivo; however, many other subtitles will arise: drugs ... It might be better to divide to two parts: invitro and invivo; then in each parts: subtitles for : staphylococcus and Pseudomonas and treatment etc.