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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Virology

ESPS manuscript NO: 27102

Title: Biological and historical overview of Zika virus

Reviewer's code: 00504365

Reviewer's country: Portugal

Science editor: Shui Qiu

Date sent for review: 2016-05-12 10:09

Date reviewed: 2016-05-16 20:46

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 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

A fairly good review on some of the most important aspects of Zika virus epidemiology. I would suggest adding a map illustrating spread and more information concerning clinical symptoms namely the differences, if any, between Dengue and Zika. Please, add a reference at the end of first paragraph, page 9.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Virology

ESPS manuscript NO: 27102

Title: Biological and historical overview of Zika virus

Reviewer's code: 00484099

Reviewer's country: Chile

Science editor: Shui Qiu

Date sent for review: 2016-05-12 10:09

Date reviewed: 2016-05-15 07:23

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 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 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 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 really nice review, that starts describing the history of Zika. There are some minor points that must be fixed, the taxonomical names should be in italics and there are several words that are attached to each other.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Virology

ESPS manuscript NO: 27102

Title: Biological and historical overview of Zika virus

Reviewer's code: 00504169

Reviewer's country: Italy

Science editor: Shui Qiu

Date sent for review: 2016-05-12 10:09

Date reviewed: 2016-05-16 15:35

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

In order to help the readers to better focus the arguments treated in this review I would suggest to insert : 1) a world map figure indicating the spread of zika virus and identifying autochthonous and imported cases 2) a figure showing a phylogram illustrating the relationships between zika strains and infection's transmission 3) a more detailed description of the transmission cycle; of zika vectors mosquito species and the danger of world wide spreading 4) a more detailed description of clinical symptoms and diagnostic criteria 5) a table indicating the conclusions of the most relevant studies concerning the association of Zika infection with Guillain-Barrè syndrome and with microcephaly. Minor point: it is missing the reference to this sentence (page 10) : "...after more detailed and accurate experimental studies..the number of Zika-related microcephaly dropped quickly".

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Virology

ESPS manuscript NO: 27102

Title: Biological and historical overview of Zika virus

Reviewer's code: 00504174

Reviewer's country: Italy

Science editor: Shui Qiu

Date sent for review: 2016-05-12 10:09

Date reviewed: 2016-05-18 16:33

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 type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input checked="" 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

Armstrong and colleagues in this review report the published information of Zika virus outbreaks and clinical complications. The authors report main information on basic, epidemical, subclinical and clinical studies performed for Zika virus. The review is well done in several aspect but lack few additional information. Main points 1- In the introduction several aspect of the virus biology are reassumed in Table 1. It could be better if the authors dissect more in deep in the text the virus replicative features. 2- Additional figure reporting ZiKa virus phylogenetic relationships among the other flaviviruses that are human pathogens and their different vector used it could be of interest for the readers. 3- The information on the origin of the two types of Zika virus should be described better. 4- In the conclusion it should be described better the future studies needed for the Zika virus in comparison with the actual know-out of other fllavivirus. Minor points 1- The title should be changed in " A biological and Historical outbreak Overview of Zika virus" 2- Table 1: the title should be changed in "Roles of Zika Viral protein and RNA during viral infection cycle in permissive cells" 3- Table 2: the title should be changed in "Origin of the types of Zika viruses "



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Virology

ESPS manuscript NO: 27102

Title: Biological and historical overview of Zika virus

Reviewer's code: 00503977

Reviewer's country: Argentina

Science editor: Shui Qiu

Date sent for review: 2016-05-12 10:09

Date reviewed: 2016-05-18 19:04

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
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The paper is well written and is a very good review from the state of the art about Zika history and the actual importance of Zika outbreaks. I have only three comments: In page 3, line 3; the word Flavivirdae should be changed to Flaviviridae In page 10, line 10; the acronym GBS should be splitted In page 11, line 2; the acronyms NPC/NSC should be splitted