

ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7862

Title: Regulation of cell survival and death during Flavivirus infections

Reviewer code: 02446669

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-04 18:28

Date reviewed: 2013-12-16 00:18

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

In this review, the authors describe the mechanisms of cell death induced by flaviviruses. The paper is properly structured, beginning with the description of the cell death forms – apoptosis, necrosis and autophagy, as well as their intracellular pathways. Then, there is described the flavivirus structure, infectivity, replication and cell survival. Cell death and survival after infection with dengue, West Nile and Japanese encephalitis viruses are described. The figure nicely summarises the mechanisms described in the paper. The review is up to date, having many recent references (10% from this year).

ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7862

Title: Regulation of cell survival and death during Flavivirus infections

Reviewer code: 02538495

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-04 18:28

Date reviewed: 2014-01-23 16:06

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" 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"/> Existed	<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)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

This review is up to date and succinct, and will be helpful for general as well as specific readers to understand cell death in Flavivirus infection. However, it requires several amendments as follows; 1. Abbreviations- Please reorganize them in alphabetical order and a single letter abbreviation should be avoided, i.e, C for capsid which has not been used in the text. DEN should not be used also since it is not used quite frequently (p16: full name was used). Also JEV was used often but incidentally full name was also used (p31). 2. JEV parts: There is some part which is out of focus to the main topic. It seems that specific detail on symptoms caused by JEV would not be required. 3. P9: Please describe full name when it was used for the first time: programmed cell death -> PCD 4. P12: Cytochrome c-> should be cytochrome C in capital letter! 5. P14 line 4: by the dame; What is the "dame"? Please explain or correct it. 6. P17: DF does not require abbreviation. Please use full name always. 7. P18 line 4: and "EA.hy296)," What is this? Please explain it. 8. P21: MEF needs full description since it has never been explained. Possibly it means mouse embryo fibroblast? 9. P24 in the middle: and Minocycline -> change into minocycline 10. P27 3rd paragraph (Currently, there into consideration) is not necessary.

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Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7862

Title: Regulation of cell survival and death during Flavivirus infections

Reviewer code: 00467103

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-12-04 18:28

Date reviewed: 2014-01-25 15:01

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

This is an outstanding paper will be of general interest to the field of Flavivirus infection because it provides multiple insights. There are no significant criticisms.