



## Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

### 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).



# Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

## 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 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"/> 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 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.



## Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

### 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:** 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.