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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Virology

**ESPS manuscript NO:** 16067

**Title:** Prion-induced neurotoxicity: possible role for cell cycle activity and DNA damage response

**Reviewer's code:** 00467265

**Reviewer's country:** Italy

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2014-12-26 13:59

**Date reviewed:** 2015-01-26 16:39

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 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

In this manuscript Bujdoso and colleagues review the possible link between cell cycle activity/DDR and prion-induced neurotoxicity, and present a Drosophila model potentially able to address a number of questions still opened in the field. The manuscript is clear and potentially deserves publication. However, the authors should considerably shorten the first part, eliminating a number of sentences that almost resemble a textbook, and they should significantly strengthen the last part where they present the Drosophila model. The manuscript would also benefit from inclusion of at least 1-2 figures or schemes.



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### ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Virology

**ESPS manuscript NO:** 16067

**Title:** Prion-induced neurotoxicity: possible role for cell cycle activity and DNA damage response

**Reviewer's code:** 00646254

**Reviewer's country:** South Korea

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2014-12-26 13:59

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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 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 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 manuscript is interesting review paper discussing the prion-induced neurotoxicity in the viewpoint of possible role for cell cycle activity and DNA damage response. The paper is well written and understandable. Minor changes are needed. To help understanding of non-expert in prion field, the authors should be explained better by using figure 1.