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ESPS Peer-review Report
Name of Journal: World Journal of Medical Genetics
ESPS Manuscript NO: 8003
Title: Structure-function relationship in viral RNA genomes. The case of HCV
Reviewer code: 00013065
Science editor: Ma, Ya-Juan
Date sent for review: 2013-12-11 17:45
Date reviewed: 2013-12-19 21:04

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[ ] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

In this highly interesting review article Drs. Romero-Lopez and Berzal-Herranz summarized comprehensively the present knowledge about the functional genomic HCV domains and their main structural features. The article is comprehensive, appropriate referenced and concise in its content. The introduction introduces the following sections well. The article is very good to read. I have no criticisms and nothing to add.

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ESPS Peer-review Report
Name of Journal: World Journal of Medical Genetics
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Title: Structure-function relationship in viral RNA genomes. The case of HCV
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Science editor: Ma, Ya-Juan
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[ ] Accept
[Y] Grade B (Very good)	[ ] Grade B: minor language polishing	[ ] Existed	[ ] High priority for publication
[ ] Grade C (Good)	[ ] Grade C: a great deal of language polishing	[ ] No records	
[ ] Grade D (Fair)		BPG Search:	[ ]Rejection
[ ] Grade E (Poor)	[ ] Grade D: rejected	[ ] Existed	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

The manuscript by Romero-López and Berzal-Herranz provides a nice overview of functional RNA domains within the HCV RNA genome and their controls through long-range RNA-RNA contacts for the execution of the viral cycle. This is a well written and timely review that should appeal to readers of WJMG. Minor point is as follows; Authors commented at page 4 that current treatments based on pegylated-interferon α and Ribavirin are only effective against HCV. However, several DAAs (direct-acting antivirals) against HCV NS3 protease and NS5B replicase were recently approved for the HCV treatment by US-FDA. Briefly summarize the currently developed DAAS against HCV such as Telaprevir, Boceprevir, Simeprevir, and Sofosbuvir in order to provide correct information for the current status HCV therapy.