



PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 40193

Title: Hepatitis C resistance to NS5A inhibitors; is it going to be a problem?

Reviewer's code: 02942798

Reviewer's country: Slovakia

Science editor: Jin-Lei Wang

Date sent for review: 2018-06-29

Date reviewed: 2018-07-01

Review time: 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear sir, thank you to select me to review an editorial Sharafi H, Alavian MS. Hepatitis C resistance to NS5A inhibitors; is it going to be a problem? Editorial is well written and it could be published unaltered.



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INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 40193

Title: Hepatitis C resistance to NS5A inhibitors; is it going to be a problem?

Reviewer's code: 02860897

Reviewer's country: Japan

Science editor: Jin-Lei Wang

Date sent for review: 2018-06-19

Date reviewed: 2018-07-02

Review time: 13 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This editorial state an intriguing comment on recent treatment of chronic hepatitis C based on NS5A inhibitor. In particular, comments on the detection of RAS of NS 5A are quite reasonable. As author mentioned in this report, these tests detecting RAS of NS5A will be destined to fade out.



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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 40193

Title: Hepatitis C resistance to NS5A inhibitors; is it going to be a problem?

Reviewer's code: 00069423

Reviewer's country: United States

Science editor: Jin-Lei Wang

Date sent for review: 2018-06-29

Date reviewed: 2018-07-04

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Authors made an excellent summary of the status of the new problems with HCV resistance to NS5A inhibitors which are included in the majority of the DAAs currently used for HCV treatment. The new knowledge of this resistance appearing after the DAA therapy and the availability of testing for the NS5A RAS would certainly assist the



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PEER-REVIEW REPORT

Name of journal: World Journal of Hepatology

Manuscript NO: 40193

Title: Hepatitis C resistance to NS5A inhibitors; is it going to be a problem?

Reviewer's code: 02521807

Reviewer's country: Argentina

Science editor: Jin-Lei Wang

Date sent for review: 2018-06-29

Date reviewed: 2018-07-10

Review time: 11 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The Editorial from Heidar Sharafi and Seyed Moayed Alavian is clear and exposed the author's point of view about a critical topic on hepatitis C infection management specially focussed on NS5A inhibitors and the relevance of their RAMs detection at pre-therapy setting. This reviewer consider that there are two points that need to be more



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explicative and detailed. These are: 1. On page 5 the authors mention that "The main finding regarding the prevalence of RASs in NS5A inhibitor-naïve patients with HCV genotype-1 (HCV-1) is the higher prevalence of NS5A RASs in patients with HCV-1b than those with HCV-1a". Taking into account the small number of patients analysed, it would be useful for a stronger support, to specify the number of patients as well as to include a statistical analysis. 2. On page the sentence "Considering the costly and time-consuming process of NS5A RASs testing, we don't recommend NS5A RAS testing in NS5A inhibitor-naïve patients prior to treatment with NS5A inhibitor-containing regimens." (page 7) This aseveration may result conflicting considering the cost of the DAA therapy in comparison with Sanger method to detect RAMs. Could the authors offer an estimation of cost that may sustain such aseveration? There are only minor typing errors trouhpoint the whole text.

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