



January 10, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 7311-review.doc).

Title: Nanotechnology applications for the therapy of liver fibrosis

Author: L. Giannitrapani, M. Soresi, M. L. Bondi, G. Montalto, M. Cervello

Name of Journal: *World Journal of Gastroenterology*

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The manuscript has been improved in accordance with the suggestions of the reviewers:

1. The format has been updated

2. The text has been revised in accordance with the suggestions of the reviewer

(Referee no.1) The authors thank the reviewer for the comments. As requested, a sentence on the challenge or difficulty for clinical application of nanotechnology has been added to the conclusions.

(Referee no.2) The authors thank the reviewer for the comments.

Major changes:

1. On page 7, the last paragraph has been corrected

2. In the section on PPARs, the authors have specified in detail which PPAR are involved in the context of nanotechnology application, as suggested by the reviewer

3. The authors have added the references suggested

Minor changes:

1. The authors have provided the full name of the abbreviation "RES" in the paper.

2. On page 8, the sentence "M6P-HAS-HJV-liposomes efficiently associated with HSC. This approach therefore offers new possibilities for treating liver fibrosis [39]" has been corrected.

(Referee no.3) The authors thank the referee for the comments. Comments about the toxicity and environmental impact of nanomaterials have been added, together with new references on recent literature dealing with this subject.

(Referee no.4) The authors thank the reviewer for the comments. As regards the first and second concerns on the drugs that failed to exert an antifibrotic action in the liver and the literature data, a sentence has been added in the Introduction section, with the corresponding reference. Moreover, a sentence on the possible action of Nanocurc™ on progenitor or bile duct cells has been added in the last paragraph of the "Treatment of liver fibrosis by nanotechnology approaches" section; the RES abbreviation has been defined, as suggested.

3. References and the typesetting have been corrected

Thank you again for choosing to publish our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Lydia Giannitrapani', written in a cursive style.

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