

ANSWERING REVIEWERS

August 28, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 12638.doc).

Title: Identification of nonalcoholic fatty liver disease-related protein, hnRNPM, *in vitro*

Author: Jun-ichi Takino, Kentaro Nagamine, Masayoshi Takeuchi, Takamitsu Hori

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 12638

The manuscript has been improved according to the suggestions of reviewers:

1. The format of the manuscript has been revised.

2. The revisions have been made as follows according to the suggestions of the reviewer and editor:

- (1) The work was performed *in vitro* using Hep3B cells, a human hepatocyte cell line. There is no certitude that the data acquired *in vitro* fully correspond to the *in vivo* situation. The Authors should specify that the work was an "*in vitro*" one in the title.

Revision: We added the word "*in vitro*" to the title.

- (2) Immunocytochemical studies may be strengthen the data acquired by 2D electrophoresis, MALDI-TOF-MS and immunoblotting. Did the Authors carry out such kind of studies? Moreover, did the Authors check the extent of triglycerides accumulation in the cells exposed to fructose?

Revision: We carried out an immunoprecipitation assay for hnRNPM, but could not detect any glyceraldehyde modification (*data not shown*) in the same. Hence, we believe that the epitope might be masked by this modification. Because our focus was on glycation, we did not check the extent of triglyceride accumulation.

- (3) The Discussion sounds a bit weak. The discussion developed in the Results section may be moved to the Discussion. The conclusions need to be a bit more detailed.

Revision: We moved the discussion developed in the Results section to the Discussion section and revised the conclusions.

- (4) The English also needs to be improved.

Revision: We had our manuscript reviewed by an English editing company once again.

- (5) Please add the keywords of "Nonalcoholic fatty liver disease" on the title.

Revision: The title "The formation of intracellular Glycer-AGEs under high fructose concentrations *in vitro*" was replaced in "Identification of nonalcoholic fatty liver disease-related protein, hnRNPM, *in vitro*".

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

Junichi Takino

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