

Format for ANSWERING REVIEWERS



December 15, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 6573-review.doc).

Title: Nonalcoholic fatty liver disease and polycystic ovary syndrome

Author: Evangelina Vassilatou

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 6573

I would like to thank the reviewers for their comments and suggestions that helped me to improve the quality of the manuscript.

The manuscript has been improved according to their suggestions.

1 Format has been updated

2 Revision has been made according to the suggestions of reviewers:

Reviewer 1:

- (1) A brief section was added concerning genetics of PCOS and NAFLD (pages 14, 15) and relevant studies were added in references.
- (2) The existing controversy concerning the association of PCOS with increased cardiovascular events was commented in detail and relevant studies have been resumed (pages 6, 7) and added in references. The review by Randeve et al. in Endocrine Reviews was included in the references, in the initial version of the manuscript.
- (3) Data about the possible role of liver semiquantitative ultrasound scores in screening patients with PCOS for NAFLD were added (page 10) and suggested studies were included in references.
- (4) The case report by Nascimbeni F et al showing the association of metabolic syndrome, NASH and PCOS with inflammatory hepatocellular adenomatosis was reported (page 16).
- (5) The role of hyperinsulinemia in increasing de novo lipogenesis and in reducing lipid oxidation has been more clearly described (page 5).
- (6) Reference number 7 has been updated.
- (7) Recent studies regarding prevalence and physiopathology of NAFLD in PCOS patients have been reported (page 11, 14) and added in references.
- (8) Data concerning deranged subclinical cardiovascular markers in PCOS were added (page 6) and suggested relevant studies were added in references.
- (9) The publication year of the studies reported in Table 1 was added. A figure resuming the putative pathogenetic mechanisms in the interplay between PCOS and NAFLD was added.

Reviewer 2:

- (1) A brief section was added concerning genetics of NAFLD (page 14, 15).
- (2) A figure summarizing the possible mechanisms involved in the development of NAFLD in PCOS patients was added.

3 References and typesetting were corrected

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

Sincerely yours,



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