

Format for ANSWERING REVIEWERS



April 2, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (ESPS Manuscript NO: 2538. doc).

Title: Effects of methyl palmitate and lutein on LPS-induced acute lung injury in rats.

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 2538

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

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

- a) The discussion was reorganized and shortened.
- b) At the end of the manuscript the following paragraph was added: "Therefore, methyl palmitate and lutein may serve as a novel therapeutic strategy for lung inflammatory diseases."
- c) The full words were added to the abstract: "lung wet/dry weight (W/D) ratio"
- d) The manuscript was revised thoroughly and language polishing was done.
- e) Unfortunately, it is not possible to measure extra parameters as we do not have spare samples. But your recommendations will be considered in our future experiments which will further assay the potential effects of the two agents either in lower doses or in combination.
- f) Concerning LPS induction of sepsis, this is absolutely correct but our target was to discuss and estimate the lung injury. That is why we focused on lung parameters and mentioning other organ toxicity will lengthen the manuscript and distract the reader.
- g) Concerning lutein beneficial effect against ALI, it is mentioned in the discussion that its effect is mainly mediated through its antioxidant activity and its ability to suppress NO and TNF-alpha production.
- h) The following statement was added at the end of the introduction to express the aim of the study: "The present study aimed to test the potential protective effects of methyl palmitate and lutein treatments against LPS-induced ALI and to investigate their possible mechanism(s)."

- i) The following statement was added at the beginning of the discussion: "The results of the present study indicate that pretreatment with methyl palmitate or lutein exerts potent anti-inflammatory effects against ALI induced by LPS in rats. Therefore, they may represent new therapeutic agents in case of lung inflammation."
- j) Throughout the discussion, many paragraphs concerning results restatement were omitted to prevent repetition.

3 References and typesetting were corrected

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

Sincerely yours,



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