

Format for ANSWERING REVIEWERS

April 25, 2014



Dear Editor,

Enclosed, please find the edited manuscript in Word format (file name: ESPS MS NO: 8705.doc).

Title: Pulmonary Hypertension and Metabolic Syndrome: Possible Connection, PPAR γ and Caveolin-1

Author: Rajamma Mathew

Name of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 8705

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

(1) The suggestion about including HIF in the discussion was excellent. I have included a section on the role of HIF in PH and metabolic syndrome. This section appears under the subheading "Hypoxia, Pulmonary Hypertension and Metabolic Syndrome" on pages 23-25.

(2). I have included pros and cons of PPAR γ activation in PH and metabolic syndrome under their specific subheadings: "PPAR γ and pulmonary hypertension" and "PPAR γ and metabolic syndrome". It is interesting that PPAR γ , not unlike caveolin-1 can function in opposing manner. In order to avoid complexity in this article, I have not included the therapy with sildenafil, which acts through cGMP mechanism.

(3) I have tried to correct typographical errors and rephrased some of the statements for clarity. The new words and sentences appear in green.

3 References and typesetting were corrected. I have included PMID and doi citations for the references. Unfortunately for a few of the references (#3, #5, #7, #52, #55, #60, #99, #101), I was unable to find doi citations.

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

Sincerely yours,

Rajamma Mathew MD
Section of Pediatric Cardiology,
and the Dept. of Physiology
New York Medical College,
Valhalla, NY 10595