

Format for ANSWERING REVIEWERS

Feb.9th 2015

Dear Editor,



We are pleased to submit a revised version of our manuscript entitled " [Caveolae, caveolin-1 and cavin-1: emerging roles in pulmonary hypertension](#) " for consideration. We have responded to the reviewer's comments as detailed in the point by point responses below. We believe that the suggested revisions have strengthened the manuscript, and we hope that the manuscript will be suitable for publication in World Journal of Respiriology.

Please find enclosed the edited manuscript in Word format (file name: 13155-review.doc).

Title: Caveolae, caveolin-1 and cavin-1: Emerging roles in pulmonary hypertension

Author: Sukrutha Chettimada, Jincheng Yang, Hyung-geun Moon, Yang Jin

Name of Journal: *World Journal of Respiriology*

ESPS Manuscript NO: 13155

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

Reviewer 1

The authors presented a very nice review of the recent literatures concerning the role of caveolae in pulmonary hypertension. It is certainly acceptable for publication in the World Journal of Respiriology, with minor revision. 1. Abbreviation should be provided when a term was first used PH, PAH, IPAH, PASMC (introduced on 2nd use), etc. 2. vWF(differentiated endothelial cell marker)(page 7) should also be introduced earlier (page 6). 3. Page 3, "it is imperative that caveolin plays an important role in....". "it is imperative" should be removed.

Response: We appreciate the reviewer's comments and we have revised our manuscript accordingly.

Reviewer 2

The manuscript is well written and deals with the effect of caveola and its proteins in pulmonary hypertension as a review. The manuscript adds new aspects of pathophysiology in PAH, but should be shortened before publication. Major comments: **Page 3+4: please concentrate on PAH and the part should be shortened** Minor comments: Please add line numbers Page 4: Geraci MW et al in 2001, first reported a decrease in cav - 1 mRNA level, in lung tissue samples from severe PH patients, in a gene expression profiling study [42]. (Sentence is not clear for me)

Response: We appreciate the reviewer's comments and we have revised our manuscript accordingly.

Review 3

This review is ok

Yang Jin MD., PhD