Reviewer’s report

Title: Inhibition of Airway Remodeling and Inflammatory Response by Icariin in Asthma

Version: 1 Date: 13 Apr 2019

Reviewer: Robin .

Reviewer's report:

The manuscript portrays the inhibitory ability of icariin against Airway Smooth Muscle Proliferation and its biomolecular significance in airway remodeling. The manuscript needs major improvement prior to its publication in BMC Complementary and Alternative Medicine as follows.

1. The title of the manuscript needs some change. In title instead of writing "role" authors may use more appropriate scientific words.
2. Please insert page numbers in the manuscript pages as it is difficult to describe the section which needs improvement.
3. There are many spacing, punctuation and grammatical errors in the manuscript which needs lot of improvements for more clarity in sentences.
4. In abstract there are incomplete phrases like "western analysis", which may be more appropriately modified as "western blot analysis" or "protein immunoblotting".
5. In the method section authors may include the separate section for the "chemicals and reagents used" describing their sources.
6. There are spacing errors while displaying units after values. In the "analysis of BALF" section under methods, the millilitre unit was displayed as "mL" while in other sections millilitre was displayed as "ml". Please be consistent with the accurate display of all measuring units throughout the manuscript.
7. The authors should cite the reference for the phrase "Overall, the previous data indicated.............. mechanism remain unclear" (line 4-7) under discussion section.
8. Please rewrite the sentence "The study of Bo Lan.etc indicates that ET-1 is responsible for increased proliferation and contraction of human ASMC after incubation with conditioned medium" in discussion section with more clarity with proper citation to the respective authors.
9. While writing the manuscript please avoid the phrases like "we tested", "we examined", "we found" etc.
10. In conclusion section the authors may name the proliferation-related factors and proliferation-related signalling pathways discussed in the manuscript relevant to this study.
11. In acknowledgement section please acknowledge the institution, funding sources etc., instead of writing "not applicable".
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
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Yes

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Quality of written English
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Not suitable for publication unless extensively edited

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