Reviewer's report

Title: Mechanism underlying antidiarrhoeal, antispasmodic and bronchodilator activities of Ipomoea turpethum Linn.

Version: Date: 12 September 2014

Reviewer: S Z Moghadamtousi

Reviewer's report:

The authors addressed all the comments previously mentioned in the report. However, a few parts are still needed to be corrected in the manuscript.

Minor Essential Revisions:
1# Methods, Section, Extraction and fractionation, Last Line: obtained ethyl acetate (11.65 g) and hexane extract (5.0 g) of OTB respectively”.

Results, Section, Antidiarrhoeal effect of O. turpethum black variety, Second Line: “its hexane and ethyl acetate fractions were”.

Please make sure that whole manuscript hexane and ethyl acetate considered as the fractions and NOT extract. Thank you

2# Background, 4th Paragraph, Last Line: “muscles [7,8,9,10]” should be “muscles [7-10]. Also references “[10,11,12]” should be “[10-12]”.

3# The references should be thoroughly checked and corrected based on the author's guidelines. In the references, the name of journals should be in the abbreviation forms. Please change them accordingly.

4# I think the reference 23 has not been cited in the discussion. Please cite this reference.

Discretionary Revisions:
1# Background, Second Paragraph, Line 5: I assume you mean: “is not always safe and is not cost-effective”

Quality of written English: Not suitable for publication unless edited. In special, punctuation marks should be correctly used in the manuscript. Several errors regarding the punctual marks are throughout the manuscript. Still there is no consistency for a few words like “min” and “minutes” or “in-vitro” and “in vitro”, which should be only in one form. According to the published paper of this journal please change all the “hrs” to “h”. The following mistakes are some examples of the mistakes throughout the manuscript. Please check the whole manuscript thoroughly.

1# Abstract. Line 1: should be: “Traditionally, Operculina turpethum has been used in…”

2# Background Line 4: should be a space between diseases and [1].

3# Background, Second Paragraph, Line 2: should be: The prevalence of
airways disorders has been increased globally, particularly in children.

4# Background, Fourth Paragraph, Line 4: “Traditionally, its roots and stems have been used…”

5# Background, 5th Paragraph, this paragraph should be carefully corrected.
Line 1: After the world “such as,.” Why there is comma and full stop together?
Line 2 and 3: “and lupeol some triterpenoids cysoartenol” I think it should be corrected.
Line 5: “turpethosides. [10,11,12].” Why full stop before and after references?
According to the published paper of this journal please change all the “hrs” to “h”

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests' below