**Author’s response to reviews**

**Title:** Acacia hydaspica R. Parker ameliorates Cisplatin induced Oxidative stress, DNA damage and Morphological alterations in Rat Pulmonary tissue

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**Author’s response to reviews:**

To

Dear Editor

BMC Complementary and Alternative Medicine

I am pleased to revise article entitled “Acacia hydaspica R. Parker ameliorates Cisplatin induced Oxidative stress, DNA damage and Morphological alterations in Rat Pulmonary tissue” in the Journal of BMC Complementary and Alternative Medicine

Reviewer reports:

Hung-Rong Yen, M.D., Ph.D. (Reviewer 2): BCAM-D-17-00698

The authors aimed to investigate the protective potential of A. hydaspica polyphenol rich ethyl acetate extract (AHE) against cisplatin (CP) induced pulmonary toxicity. Generally, the studies were well done and the results confirmed the protective effect of AHE, especially before the administration of CP. A few concerns were raised as followings:

**Major issues:**

1. Please add a section of limitation in the last paragraph of conclusion.

Response: Included
2. In the materials and methods section, the authors extracted A. hydaspica methanol extract and used the ethyl acetate extract (AHE) for the in vivo experiments.

Response: The plant powder was first macerated in methanol and methanol extract was prepared, then that methanol extract was fractionated with different solvents in polarity gradient. Ethyl acetate fraction (AHE) was more active in in vitro antioxidant testing, so it was selected for in vivo assessment.

3. The control group included a group of rat given saline only. Did the authors dissolve the AHE in saline in the AHE treated groups?

Response: AHE was dissolved in distilled water and corrected in manuscript

4. As the authors mentioned in the discussion section, the CP-induced lung toxicity is similar to the bleomycin-induced lung fibrosis. Indeed, in the H&E staining, there were some fibroblast aggregations. Did the authors also stain the collagens?

Response: we have only use H&E stain no specific stain for collagen was used.

Sincerely!

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