Author’s response to reviews

Title: Anti-cancer effect of dung beetle glycosaminoglycans on melanoma

Authors:

Mi Young Ahn (amy@korea.kr)
Ban Ji Kim (kimbj0826@naver.com)
Ha Jeong Kim (musical2058@daum.net)
Jang Mi Jin (jjm03@kbsi.re.kr)
Hyung Joo Yoon (Yoonhj@korea.kr)
Jae Sam Hwang (jshwang@korea.kr)
Kun-Koo Park (pkk0526@naver.com)

Version: 1 Date: 12 Jun 2018

Author’s response to reviews:

BMC Cancer

Dear Editor,

We appreciate the editor’s accurate comments. Enclosed please find correction detailed of 1th revision of manuscript entitled “Anti-cancer effect of melanoma mice treated with dung beetle glycosaminoglycan and gene expression profiling”.

We, authors, faithfully followed corrections made by editor. We would be very grateful if the manuscript could be considered for publication as a regular paper in BMC Cancer

Mi Young Ahn
National Academy of Agricultural Science

Answer To Editor Comments

1. We, authors followed editors’ comment and inserted e-mail addresses:
We, authors followed editors’ comment in both the abstract and background.

3. We, authors followed editors’ comment and rewrote the sentences:

1) Although \(\sim\) Glycosaminoglycans (GAGs) are linear mucopolysaccharides with repeating disaccharide units. Although they are minor components of native tissues, but they play key roles to regulate various physiological processes [1].

2) Such complex sugar\(\sim\) Glycosylation reactions of different glycosyltransferases can form complex sugar chains of secreted or cell-surface glycoprotein (N-glycans and O-glycans) that can be added at asparagine residues (N-linked) or at serine and threonine residues (O-linked) [6].

3) Fibronectin (Fn) \(\sim\) Fibronectin, a fibroblast surface protein, binds cell surface integrin and many extracellular matrix (ECM) (relaxed, healthy ECM and strained, tumor ECM) proteins. It plays important roles in cell adhesion, migration, differentiation, and transformation, related to cancer invasion [18].

4. We, authors included separate followed conclusions.

5. We, authors included a completed followed ARRIVE checklist as an additional file.

6. Please include an animal ethics statement.

\(\sim\) All animal experiments were approved by Laboratory Animals’ Ethical Committee of the National Academy of Agricultural Science, Rural Development Administration, South Korea (approval number: NIAS 201606).

7. We, authors state: in Consent for publication: Not applicable.

8. We, authors corrected followed sentence: in Availability of data and materials: All data are available on Journal portals in submitted manuscript. No other supporting files/data are needed along with this submission.

In Ethics approval and consent to participate: we included followed sentence: All animal experiments were approved by Laboratory Animals’ Ethical Committee of the National Academy of Agricultural Science, Rural Development
9. Funding

Financial support was obtained from Rural Development Administration Basic Research project.

* We, authors followed reviewers’ comment, corrected related sentences and added references.

Thank very much of favor in reviewing.

Sincerely

Mi Young Ahn
Senior Researcher
National Academy of Agricultural Science