Author's response to reviews

Title: Polysaccharides from the root of Angelica sinesis promotes hematopoiesis and thrombopoiesis through the PI3K/AKT pathway

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Author's response to reviews: see over
Dear Editor,

Thank you very much for your Prof Stief’s comments. We have edited our manuscript according to your and Prof Stief’s suggestions. Please see our point-by-point responses.

(1) Keep the in vivo data reported in your manuscript but remove the section 4 in results about the PI3K/AKT pathways.

**Response:** We have removed the section 4 of Results from the manuscript. We also removed Figure 9, the corresponding sections in the Materials and Methods, the corresponding statements in the Title, Abstract and Results. The discussion section has also been rewritten to match the change.

However, the inhibition assay using Ly294002 still suggest the involvement of PI3K/AKT pathway. As a result, we kept the hypothesis that PI3K/AKT pathway might participate in the response in the manuscript, in order to set up the stage for future studies.

(2) Acknowledge in your discussion section that participation of endotoxin-like activity cannot be totally excluded.

**Response:** A statement has been added to line 9 of the first paragraph on page 17.

As requested previously we require that you do the following:

(1) Any experimental research on animals must follow internationally recognized guidelines. A statement to this effect must appear in the Methods section of your manuscript.

**Response:** A statement “The treatment of animals were conducted following protocols provided by Hong Kong government and ethical permissions for the studies were granted by the Animal Research Welfare Committee, The Chinese University of Hong Kong.” has been added to line 2 of the second paragraph on page 8.

If you have more suggestion, please let us know.

Best regard,

Chang