

Review of: "Anti-metastasis After Bee Venom and Melittin by Upregulation of BRMS1 and DRG1 Genes, With Downregulation of WNT7B in Breast Cancer Cells"

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Potential competing interests: No potential competing interests to declare.

I would like to thank the journal administration for choosing me as a reviewer, and I would also like to thank the researchers for their wonderful work.

I agree to the research after some minor modifications if the researchers deem it appropriate:

- Firstly, you could say "about natural products and their derivatives" as supplements and treatments because the natural products are not authorized by the competent authorities as treatments, **so in this case they are supplements or complementary and not treatments**, because their tests so far are known to be under experimentation, especially honey bee products in what is known as Apitherapy.
- **In M&M section**; the part about Bee venom preparation, you should write how the venom was obtained; for example, you got it from honey bee colonies directly or brought it from another, and the extraction of venom by which method, if electrically, the apparatus was in/outside the colony, if it was inside, the electrical frame was above or beside the colony's frames, and if it was dissolved directly or dissolved before adding to the media. (Not dependent on writing the reference; you should write two lines only to facilitate other colleagues, especially this reference **Not** open access).
- I just preferred to use primers specific for each gene in making cDNAs because RNA isolation was total for all genes in the cells. But it is satisfactory and good work.
- The primers' sequences, please write them in a text table, not in a figure, to be easy to cite because other researchers will use your research as a reference, and the T_m of primers is always +/- 5 degrees; for example, annealing temperature around 55°-60°C.
- **In Results and Discussion section**; the figures of cell culture were good, but, I think they need to be of clearer resolution.
- **Finally**, the writing and language were very good and in simple words, and this was excellent research. I hope in further research to use the same treatments or supplements by **Nanoparticles; it is now future science**.