

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.

The article is good in that it has a new body of information to share regarding the effects of bee venom and melittin on metastatic breast cancer. The work is an exposé of the capabilities of these compounds in upregulating the anti-metastatic genes BRMS1 and DRG1 and downregulating the important gene of breast cancer metastasis, WNT7B.

However, the title is not good enough. I suggest:

Breast Cancer Cells' Anti-Metastasis by Upregulation of BRMS1 and DRG1 Genes and Downregulation of WNT7B After Bee Venom and Melittin Treatment.

I believe the abstract is sufficiently informative; likewise, the introduction. As for the results, I

please include graphical representations for the MTT assays; this will summarize the results for this category in a simple and more understandable way.

Please use clearer micrographs and include precise and uniform figure legends so any reader can at least have a good idea of the results at a glance.

The discussion of the results should be rewritten in active language; the tone is like that of methodology, so the force expected in the discussion is generally missing, making your narration weak.

Please redo the histograms under the wound-healing assays, showing legends and other labeling clearly.

Do a general grammatical revamp (correct the grammar used throughout the write-up).

Please conclude with precision; it will make the conclusion stronger.

The references seem to be okay.

Overall, the article is a good read and quite informative.

