Reviewer's report

Title: Centipede Grass exerts anti-adipogenic activity through inhibition of the AKT signaling pathway

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Reviewer: Chin-Lin Hsu

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Centipede Grass exerts anti-adipogenic activity through inhibition of the AKT signaling pathway

This manuscript reported that anti-adipogenic activity of Centipede Grass in 3T3-L1 cells. I have some specific comments for the authors to consider:

Major Compulsory Revisions
1. In title and Conclusions: From my point of view, suggesting that the word "AKT signaling pathway" is a very strong message and should be softened. Moreover, authors should provide more relevant experimental data.

Minor Essential Revisions
3. If more compounds (such as pure compounds from Centipede Grass) were tested, the results should be better.
4. In Figure 2C: the lack of Y axis.
5. In Figure 3A and 3B: the word “DMII DMII+100 ug/ml CG” (X axis) should be corrected.
6. Figure 3C should be combined to Figure 1C.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests