

# Review of: "Exploring the Significance and Medicinal Potential of *Rubus fraxinifolius*: A Review of Ragimot Wildberry"

Janice Chan<sup>1</sup>

<sup>1</sup> Ministry of Health Malaysia

Potential competing interests: No potential competing interests to declare.

Thank you for the effort in writing this review. This is a narrative review on *Rubus fraxinifolius* (whole plant).

Suggestions for improvement:

1. **Title:** It is important to specify the aspect of 'significance' for *Rubus fraxinifolius* (e.g., economic significance, agricultural significance, etc.).
2. **Introduction:** The objective should be moved towards the end of the introduction paragraph.
3. **Abstract:** Examples of traditional medicinal properties should be revised to avoid direct modern pharmacological terms such as 'anti-inflammatory', 'antioxidant', 'anti-tumor', or 'neuroprotective'. Instead, it can be described as "addressing inflammation," for instance, with reference to traditional literature. However, there were no primary references from traditional use literature cited for 'anti-tumor' or 'neuroprotective' traditional claims in this review.
4. **Nutritional composition:** Please refrain from discussing methodological and pharmacological aspects related to obtaining phytochemicals from the plant. For instance, in this statement, "The antioxidant activity of Ragimot has been evaluated using various assays, including the 1,2-diphenyl-2-picrylhydrazyl (DPPH), iron-reducing antioxidant power (FRAP), and 2,2-azino-bis (3-ethylbenzothiazoline-6-sulfonic acid) (ABTS) assays (Bakar et al., 2016). These assays measure the ability of the fruit extract to scavenge free radicals and inhibit oxidative damage."
5. **Functional properties:** Should be organized into categories as the section covers nutritional and pharmacological properties. Additionally, the credibility of the review would be enhanced if more randomized clinical trials, if available, are cited. This will provide a clearer trajectory for the plant's potential specific medicinal claims.
6. **Conclusion:** Rather than a generic statement about the need for further research, try to identify specific gaps in the current research and suggest areas for improvement. This approach would offer more clarity on the next steps and provide a more targeted research direction.
7. Both figures provided feature the fruit of *Rubus fraxinifolius*. Consider limiting similar plant parts to just one image. Since this review article describes the properties of the entire plant (e.g., fruit, leaves, trunk, and root), incorporating other parts of the plant as a figure could enhance the overall presentation.
8. Throughout the article, the spelling of 'ragimot,' whether in capital or lowercase, needs to be standardized. The sentences overall can be further shortened/simplified for more conciseness and clarity.

