

Review of: "Effects of Cinnamon on Cancer Prevention and Progression"

Ayesha Atiq¹

¹ Monash University

Potential competing interests: No potential competing interests to declare.

This manuscript highlights significant insights about the effects of cinnamon on cancer prevention and progression; however, there are some concerns that need following corrections:

1. English language should be thoroughly reviewed throughout the manuscript. For example, some sentences are grammatically incorrect: (i) Recently, research has suggested it may have a role in cancer prevention and “potentially” treatment. (ii) Many patients want options and alternatives in cancer therapies; therefore, research that considers potential mechanisms “are” an important part of not only evaluating efficacy but also considering safety. (iii) Cinnamon “does” contain high levels of coumarin.
2. Additionally, at some places, although the sentences are grammatically correct, the choice of words is not appropriate. For example: (i) AP-1 activity is “blunted” by cinnamon components; it should be explained as AP-1 activity is “mitigated” by cinnamon components. (ii) In recent years, more animal studies have been undertaken, “but these need to be expanded and developed into potential clinical studies for completeness”. It should be described as “but potential clinical studies need to be conducted for effective translation of animal studies.”
3. The molecular mechanisms can be explained in one or two figures to enhance understanding of the literature and to engage the reader.
4. The headings should clearly define the role of cinnamon in cancer progression and prevention. For example, the heading 3, “Potential Mechanisms of Action,” can be clearly mentioned as “Potential Mechanisms of Action of Cinnamon Compounds in Inhibition of Cancer Progression.” Similarly, the heading 4, “Cancer Prevention,” should be mentioned as “The Role of Cinnamon in Cancer Prevention.”
5. In section 4, Cancer Prevention, a paragraph describing the antioxidant activity of cinnamon compounds should also be included along with the already explained anti-inflammatory activity of cinnamon compounds.