

Review of: "Candida and Long Covid"

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Potential competing interests: No potential competing interests to declare.

I would like to thank the authors for their valuable article; however, I have some comments:

1-abstract: Authors should mention a brief explanation of the mechanisms by which zonulin is activated by *Candida* proteases and how this process contributes to the development of autoimmune diseases, the relationship between the gut microbiome, zonulin, and the gut-brain axis in the context of Long Covid and other chronic illnesses, the potential interplay between *Candida* overgrowth, Covid-19 infection, and the onset of autoimmune diseases, dementia, cancer, and other chronic conditions. Some corrections: Spaces between lines should be adjusted, *Candida* should be written in italics, delete (,) before and at the last paragraph.

Some aspects that could be further developed include:

Detailed Mechanisms: Providing a more in-depth explanation of the molecular mechanisms by which *Candida* activation of zonulin occurs

Clinical Implications: Discussing the clinical implications of the proposed model.

Gender Disparities: Exploring any gender disparities in the development of autoimmune diseases and chronic conditions related to *Candida* overgrowth and zonulin activation.

Long-Term Effects: The potential long-term effects of *Candida* overgrowth, zonulin activation, and autoimmune responses.

Nutritional Interventions: Information on specific nutritional interventions associated with *Candida*-related conditions.

Future Research Directions: Future research to further investigate the link between *Candida*, zonulin, and autoimmune diseases, and therapeutic targets for intervention.

Spaces between lines have to be adjusted, and Grammarly checker for the manuscript