

# Review of: "[Hypothesis] The protective role of Testosterone in COVID-19"

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**Potential competing interests:** No potential competing interests to declare.

The manuscript's title promises to establish the protective role of testosterone against the severity of SARS-CoV-2 infection, but there were not sufficient studies to provide evidence to support this claim. Hence, the title seems intriguing but the manuscript lacks clarity and focus. More studies can be added to relate the levels of testosterone with COVID-19 outcomes and the mechanism behind it.

Although the text acknowledges the role of sex differences in modulating immune response, further explanation is needed addressing how they affect COVID-19. The text seems to lack a clear direction and contains several redundant lines, which can make it difficult for readers to follow the author's train of thought.

Since, it is a hypothesis, hence, the manuscript could benefit from a more structured and organized approach.

Therefore, it can better be published as commentary or blog post and not as a full article. For that purpose, the authors need to revise the manuscript with more comprehensive and focused insights on the topic.