

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

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Potential competing interests: No potential competing interests to declare.

1. The hypothesis could benefit from a more comprehensive literature review, including recent studies on the relationship between testosterone and COVID-19, as well as studies on the immunomodulatory effects of testosterone.
2. The study could also consider including a larger sample size and a more diverse population to increase the generalizability of the findings.
3. The study could benefit from a more detailed discussion of the potential mechanisms underlying the protective effects of testosterone against COVID-19, including the role of testosterone in regulating the immune response and reducing inflammation.
4. The study could also consider incorporating additional biomarkers of inflammation and immune function to provide a more comprehensive assessment of the immune response in relation to testosterone levels.
5. Finally, the study could benefit from a more detailed discussion of the potential clinical implications of the findings, including the potential use of testosterone as a therapeutic agent for COVID-19.