

# Review of: "The $\alpha 7$ Nicotinic Acetylcholine Receptor: a Key Molecule in Post-COVID Syndrome?"

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

The chronic post-acute sequelae of SARS-CoV-2 (PASC), which is also called the Post-COVID Syndrome or Long COVID Syndrome, is a major concern due to the constellation of signs and symptoms involving multiple organ systems which persist for weeks or even months following the initial infection with COVID-19. The authors have done a great job explaining how  $\alpha 7$  nAChRs ( $\alpha 7$  Nicotinic Acetylcholine Receptor) involved in PACS development, as well as the therapeutic approaches for curing or preventing it. This is a very well-written article with lots of scientific evidence, but it still needs some basic grammar fixes. The authors are also recommended to include a graphical abstract that summarizes the details in the article, which will help the readers understand the concept better.