



Side effects and antibody response of an inactive COVID-19 vaccine: correspondence

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Dear Editor,

We would like to share ideas on the publication “Side effects and antibody response of an inactive severe acute respiratory syndrome coronavirus 2 vaccine among health care workers¹.” Gümüş et al. concluded that “*vaccination by two-dose CoronaVac could elicit a specific humoral response, and it was well tolerated in health care workers. The high seropositivity developed after the second dose attracted attention. Our study will be useful in terms of showing short-term immunity and side effects¹.*” We agree that the inactivated COVID-19 vaccine can help stimulate immunity against COVID-19. The results from this report is consistent with a recent report in our setting, a developing Asian region, that the inactivated vaccine can provide favorable immunogenicity result². As a classical vaccine produced by a classical vaccinology principle, the vaccine should be safer comparing

to other type of vaccines produced by newly implemented biotechnology. The evidence from the present report can confirm the antibody response after vaccination. Nevertheless, it is interesting to further study cellular immune response if possible. Additionally, a long-term follow-up might provide a clear view on the protective utility of the studied vaccine. If there is a dataset of other vaccines in the same setting for comparison, it will also be very interesting.

AUTHORS' CONTRIBUTIONS

RM: Conceptualization, Data curation, Formal Analysis, Writing – original draft, Writing – review & editing.

VW: Conceptualization, Data curation, Formal Analysis, Writing – original draft, Writing – review & editing.

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