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LETTER TO THE EDITOR

Pre-vaccination immune response to COVID-19

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Dear Editor,

We would like to share ideas on the publication "Pre-vaccination immune response to COVID-19 in a population in Northeast Portugal [1]." Duro et al. concluded that "*IgM and IgG displayed a similar initial increase … the identification of previously undiagnosed participants.* [1]." We agree that the pre-vaccination antibody study might be useful. A diagnosis of previous asymptomatic infection can help gather correct epidemiological data. Additionally, the investigation might be useful for determining vaccine efficacy and surveillance of safety of vaccination. In a previous report, immune response to COVID-19 vaccine differs in cases with and without previous COVID-19 [2]. Additionally, a COVID-19 vaccine recipient with previous COVID-19 has a higher blood viscosity after vaccination, which might lead to hyperviscosity-associated adverse effect of vaccination [2].

Declarations

Conflict of interest The authors declare no competing interests.

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