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Early View

Correspondence

Response to Letter to the Editor ERJ-00920-2021

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Text:

We take the opportunity to respond to Wark PAB, et al.,[i] on our recent publication.[ii]

it is indeed worth exploring the relationships of respìratory disease and SARS-CoV-2 infection / COVID-19, and the potential mechanisms involved to understand better the pathophysiology of COVID-19, and eventually new treatments. However, based on others and our own observations, we disagree with the statement that use of Th2 targeting biologics in patients with asthma may increase susceptibility to SARS-CoV-2 infection due to an increased expression of ACE2. Our results in Table 3 with biologics (omalizumab n=641, mepolizumab n=308, benralizumab n=98, reslizumab n=26) point to a beneficial effect in asthmatics with COVID-19, as suggested elsewhere.[iii]

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