

Review of: "Are allergic diseases a risk factor for systemic side effects after COVID-19 vaccines?"

Derick Sule

Potential competing interests: The author(s) declared that no potential competing interests exist.

Addressing the problem of allergic diseases means one should first and foremost understand the full concept of how the immune system responds to harmful substances and racial differences in allergic sensitization. There is evidence that Africans/Blacks are more likely than White individuals to be sensitized to more allergens. The absence of racial consideration in the study sample/population might thus be serious limitation to the study findings and conclusion.

Secondly, it must be noted that manifestation of allergic diseases may somewhat be immediate, cytotoxic, immune-complex mediated and delayed hypersensitivity reactions. The study outlines allergic rhinitis, asthma, and chronic urticaria as the key allergic diseases however no reference is made to delayed hypersensitivity reactions which may manifest later.