

Review of: "Role of Nicotine in RAS and Fibrosis Linked to Severe COVID-19 Manifestations"

Eslam El Nebrisi¹

¹ Dubai Medical College for Girls

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

Following the analysis of the manuscript titled "Role of Nicotine in RAS and Fibrosis Linked to Severe COVID-19 Manifestations", I recommend a major revision with these observations in mind:

Point 1: I recommend the author do originality-check for the whole manuscript, since similarity percent was very high (49%), *please refer to the attached report*

Point 2: The title of the manuscript can be refined to make it more readable and smooth.

Point 3: Please do a thorough check of the abbreviations, some are missing from the list (e.g., ERK, MAS), not consistent (ang, Ang), and the list is not in alphabetical order.

Point 4: The manuscript shall be sent to an English-language editing center since the language needs to be improved.

Point 5: I recommend that the author rewrite the abstract section, as its not reflecting the potential relevance of the work.

Point 6: I recommend the author to rewrite the introduction section so that current available information about the virus and its complications, the need for better understanding of the underlying mechanism and pathophysiology, and the purpose of this review are all presented

Point 7: An important point that has been overlooked in this review is the normal distribution of nAChR and RAS, which was omitted in the introduction section.

Point 8: The authors might want to merge sections; 1.1, 1.2 (not clear at all), & 1.3 as they are very much similar and repetitive to each other. An illustration would add great value to the text instead.

Point 9: Finally, as far as immune modulation is concerned, the authors completely ignored the anti-inflammatory role played by cholinergic systems. Furthermore, I found no contradictory studies cited by the authors, they only listed those that supported their claim.