

Response to Reviewer 2 Comments

Comments and Suggestions for Authors

The authors have substantially improved the manuscript. There is only a last point regarding the response to previous point 6 (*It could be interesting if the author comments the effect of influenza virus superinfection or coinfection with different respiratory virus in the host factors involved in outcome of infection. Are there any data regarding this?* Response: *I thank the Reviewer for this important and interesting comment, that deserve future in-depth research. As reported in the new version of the Discussion section, some cellular factors hijacked by the influenza virus are in common with RSV and Sars-CoV-2 in case of severe infections (see lines 590-603). To my knowledge, no data are so far available regarding superinfection and co-infection*). This reviewer agrees with the authors on the scanty data on in vivo coinfection and superinfection of influenza virus and other respiratory viruses. However, an additional comment/suggestion based on few published in vitro studies on this matter, can be done to implement the comment at line 590-603 by the authors. This authors suggestion could be relevant to understand the different outcome severity of the diseases produce in co-infection or superinfection.

Response: I agree with the need to further explore superinfections and co-infections in relation to viral respiratory infections. Accordingly, I have included in the Discussion section some experimental observations that highlight the complexity of virus-virus interactions during co-infections and superinfections (see lines 602-629). I thank the reviewer for this relevant observation, which enriches the manuscript.