

Review of: "[Commentary] COVID-19 and Alzheimer's disease, closely related?"

Maryam Poursadeghfard¹

1 Shiraz University of Medical Sciences

Potential competing interests: No potential competing interests to declare.

This is an interesting article about the possible association between Covid-19 and Alzheimer's disease, and refers to some area of genetic and etiologic relations of both diseases. However, I will point out some matters that can probably help improve it.

- 1. In the third paragraph: "With the arrival of the COVID-19 pandemic, already in its fourth year of evolution, chronic-degenerative disorders have begun to be seen, chronic neurodegenerative diseases resulting from Covid-19" are mentioned. Although the covid-19 causes many symptoms and signs in different body systems, it is still a bit early to use the term "chronic degenerative" because more time is needed for this diagnosis specially to use the term degenerative.
- 2. The said neuropsychiatric symptoms have been seen in many patients after covid-19 infection; however, their degenerative nature is still questionable and requires more time.
- 3. It is better to explain why LOAD and Lewy bodies dementia are more likely to be related to covid-19 with anosmia.
- 4. What is the full term of LOAD?

However, I would like to say that the above article is very well written, scientific and documented.