

# Review of: "Can Urolithin A Help in Curing COVID-19 Infection?"

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The present paper must be strongly improved. The rationnal of urolithin A to prevent and/or treat COVID-19 must be better presented. I suggest to add among the refs, the review of Brahmi F et al (Brahmi F, Vejux A, Ghzaïel I, Ksila M, Zarrouk A, Ghraïri T, Essadek S, Mandard S, Leoni V, Poli G, Vervandier-Fasseur D, Kharoubi O, El Midaoui A, Atanasov AG, Meziane S, Latruffe N, Nasser B, Bouhaouala-Zahar B, Masmoudi-Kouki O, Madani K, Boulekbache-Makhlouf L, Lizard G. Role of Diet and Nutrients in SARS-CoV-2 Infection: Incidence on Oxidative Stress, Inflammatory Status and Viral Production. *Nutrients*. 2022 May 25;14(11):2194. doi: 10.3390/nu14112194) which presents a list of polyphenols precursor of urolithin which are usefull in the treatment of COVID-19. It must be also mentionned that there is currently only one drug which permits to treat infected patients (<https://www.pfizer.com/news/press-release/press-release-detail/pfizers-novel-covid-19-oral-antiviral-treatment-candidate>). Therefore, there is a need identifying new molecules with anti-viral activities against COVID-19. This is not in contradiction with the interest of the vaccination that I consider as an important tool to fight COVID-19 infection. However, to rapidly fight new variants, oral drugs are of great interest. The review must must be improved in the context of potential new pharmacological treatments. The composition of the microbiote must be better presented. Overall, the aim of the paper is very interesting but the review must be improved. In addition, Tables and Figures would be welcome and are required.