

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

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**Potential competing interests:** No potential competing interests to declare.

The subject and the polyphenolic compound is topical and relevant. However, thus far, this review is lacking sufficient depth and explanation to fully elucidate the potential health benefits of Urolithin A for its proposed role. That is, in “helping to cure” COVID-19 infection. Though the sequelae of COVID-19 infection may be well described elsewhere, some context of this is required to assist the explanation of how Urolithin A is proposed to work, for example as an antioxidant and an anti-inflammatory agent, and to mitigate impactful mitochondrial processes. Additionally, impediments/adjustments to improve bioavailability, and the individual microbiome influences require much more explanation and exploration. The evidence cited could perhaps be expanded, and other papers drawn upon to facilitate this. This will be useful information, and perhaps even more relevant, given that interest in, and a need to further understand the effects and issues associated with “long COVID”, are becoming more apparent and necessary. Overall the review would benefit from diagrams /graphics to increase understanding. Thus, this review should be extended much further and in greater depth as suggested by many of the reviewers already.