

Azithromycin in the treatment of COVID-19: a review

Echeverría-Esnal D, et al. Expert Rev Anti Infect Ther. 2021 Feb; 19(2):147-163.

- Azithromycin presents *in vitro* activity against SARS-CoV-2 and could act in different points of the viral cycle.
- Immunomodulatory properties of azithromycin include the ability to down-regulate cytokine production, maintain epithelial cell integrity or prevent lung fibrosis.
- Azithromycin use was associated with a reduction in mortality and ventilation days in other viral infections.
- Azithromycin presents a well-known safety profile. These properties of azithromycin could be beneficial throughout the COVID-19.

Antiviral and immunomodulatory agents have been proposed as potential treatments in COVID-19; azithromycin exhibits both properties.