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# Increase of Antimicrobial Resistance Following COVID-19 Pandemic: Current Knowledge and Future Perspectives

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Deadline for manuscript submissions: closed (15 November 2023)

#### **Message from the Guest Editors**

The 2022 special report by the CDC on the impact of COVID-19 on antimicrobial resistance (AMR) shows that the pandemic increased antibiotic use and preventive measures. This resulted in a significant increase in the antibiotic resistance of several species.

This Special Issue aims to shed light on the implications of this phenomenon to better predict the evolution of AMR. The Issue will reflect current knowledge of the epidemiology, pathogenesis and immunity of the major AMR pathogens, such as *Staphylococcus aureus*, *Clostridioides difficile*, *Klebsiella pneumoniae*, *Neisseria gonorrhoeae*, *Pseudomonas aeruginosa*, *Enterococcus* spp and *Candida* spp.

Furthermore, methods for decreasing emergence of AMR such as the development of vaccines and mAbs, better diagnostics and novel antibiotics will also be discussed.

**Special**sue



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### Message from the Editor-in-Chief

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