



Frontiers in Antimicrobial Materials

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 December 2022)

Message from the Guest Editors

The recent outbreak of the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes coronavirus disease 2019 (COVID-19), is a clear example of how pathogens can cause disastrous effects on global human health and the economy. The next forecasted pandemics will occur due to antimicrobial resistance, which is increasing at an alarming rate. Important viral and bacterial transmission ways are via material contact and aerosols. Therefore, the development of new antimicrobial materials and coatings capable of preventing viral and bacterial transmission is becoming more and more important to keep humans safe from emerging infectious pathogens. Furthermore, the toxicological aspects of these new materials are also very important. Conventional antimicrobial agents include quaternary ammonium compounds, metal ions/oxides, carbon nanomaterials, and antimicrobial peptides. Contributions to this Special Issue will provide new insights into antimicrobial solutions that can prevent viral and bacterial infectious; particularly against SARS-CoV-2. Types of manuscripts to be featured include Articles and Reviews.





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Message from the Editor-in-Chief

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