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## Advances in Treatment of Biofilm Infections

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submissions:

**closed (15 March 2024)**

### Message from the Guest Editors

Biofilm is a structured consortium generated by microbial cells adhering to each other and surrounded by a self-produced extracellular polymeric matrix attached to a living or abiotic surface. Microbials growing in a biofilm become less susceptible to antibiotics and immunological responses, making the treatment of biofilm-associated infections more challenging. The available literature indicates that aggressive antibiotic treatment is usually effective in controlling exacerbations of chronic biofilm infections caused by dispersed bacteria, but it is not effective in eradicating biofilm-associated infections due to difficulty in achieving effective drug concentration in vivo. This Special Issue aims to expand our knowledge of novel possibilities to improve the treatment of biofilm infections.

I would like to invite colleagues investigating any of the research issues in the broader biofilm problem to submit their manuscripts to this Special Issue in the form of original research and reviews.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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