

Special Issue

Phages and the Evolution of Bacterial Pathogenicity

Message from the Guest Editor

The use of antibiotics is increasing at the global scale. At the same time, the emergence of more virulent bacterial strains and the difficulties associated with the treatment of the diseases they cause are major concerns for human and animal health. Phage-based tools have high potential to be used in the control of bacterial infections and in manipulating their virulence. On the other hand, phage-encoded genes have a central role in bacterial virulence and resistance towards similar phages. This Special Issue seeks manuscript submissions describing how phages influence the emergence and/or control of bacterial pathogenicity. This scope covers changes in bacterial pathogenicity under phage pressure, especially in the context of phage therapy, and aspects of phage-encoded virulence factors and phages as mobile genetic elements. Submissions covering significant human, animal, and plant pathogens are welcome.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Editor-in-Chief

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