Bacteriophage Therapy: Recent Developments and Applications of a Renaissance Weapon

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Message from the Guest Editors

Bacteriophages have been used to treat bacterial infections nearly since the moment of their discovery at the beginning of the 20th century. However, overshadowed by antibiotics, phage therapy has been marginalized for decades. Nowadays, with the rapidly growing number of drug-resistant bacterial strains, phage therapy becomes one of the most promising alternatives to classical methods of treatment. Moreover, studies on bacterial viruses are not limited to human or veterinary medicine but increasingly reach new fields of biotechnology.

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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 disciples 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.

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