

Special Issue

Developing Drug Delivery Approaches for Both Phage Therapeutics and Phage-Based Vectors

Message from the Guest Editors

The development of standardized approaches will facilitate the establishment of phage-based drug delivery systems. Bacteriophages, or phages, are viruses that specifically target and eliminate bacterial populations, making them excellent candidates for the development of targeted drug delivery therapeutics. This innovative approach leverages the natural ability of phages to navigate biological and chemical barriers and deliver therapeutic agents directly to infected cells, enhancing efficacy while minimizing side effects. Therefore, this Special Issue aims to highlight the most relevant and innovative original research articles and reviews on phage technology in drug delivery systems. By exploring the potential of phage-based systems, including oral formulations, these studies underscore the versatility of phage technology to address pressing challenges in modern medicine and pave the way for more effective and personalized treatments in the pharmaceutical sciences.

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