Special Issue

Bacteriophages in Biotechnology

Message from the Guest Editor

Bacteriophages have been used as tools in genetic engineering and biotechnology for many years. In fact, the first gene cloning vectors were based on modified bacteriophages, and phage-derived genetic elements, like promoters and genes coding for regulatory proteins. have been widely used in expression vectors and for various biotechnological purposes. Still, bacteriophages are sources of sophisticated systems useful in various fields of applied microbiology and biotechnology. Therefore, this Special Issue is devoted to publishing original research and review articles on various aspects of the use of bacteriophages and elements of their genomes in biotechnology. Topics of interest include but are not restricted to novel phage-related cloning and expression vectors, the practical use of phageencoded proteins, and the applications of phage-display systems.

Guest Editor

Prof. Dr. Alicja Wegrzyn Phage Therapy Center, University Center for Applied and Interdisciplinary Research, University of Gdansk, Gdansk, Poland

Deadline for manuscript submissions

closed (31 December 2021)



Applied Microbiology

an Open Access Journal by MDPI

Indexed in Scopus



mdpi.com/si/69145

Applied Microbiology MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applmicrobiol@mdpi.com

mdpi.com/journal/ applmicrobiol





Applied Microbiology

an Open Access Journal by MDPI

Indexed in Scopus



MDPI

About the Journal

Message from the Editor-in-Chief

Applied Microbiology (ISSN 2673-8007) is a peerreviewed open access journal that provides an advanced forum for the international community to report and discuss established and emerging applications for microorganisms and their associated technologies. Research articles, reviews, and other publications are released online immediately after acceptance to provide timely unlimited free access to the scientific community and the general public. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Ian Connerton Division of Microbiology, Brewing and Biotechnology, University of Nottingham, Loughborough, Leicestershire LE12 5RD, UK

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2024).