

Special Issue

Inoviruses

Message from the Guest Editors

Inoviruses are filamentous bacteriophages that cause a chronic infection of their bacterial host. Significant research has been conducted into the classic inovirus M13 for its molecular biology and biotechnology applications. However, there is limited research into the impact of inoviruses on the fitness and virulence of multidrug-resistant bacterial pathogens. In this Special Issue, we aim to gather contributions that advance the current knowledge on the role and impact of these unique understudied phages on bacterial fitness, microbial pathogenesis, and host–pathogen interactions. Manuscripts of original research, reviews, mini-reviews, commentary and perspectives on the following areas of inovirus study are particularly welcome:

- Identification of novel inoviruses, including the use of viral metagenomics approach
- Contribution to bacterial pathogenesis
- Inoviruses as virulence factors
- Prevalence in multidrug-resistant pathogens
- Targets for vaccine development (pre-clinical studies)
- Impact on bacterial fitness
- Other inoviruses research areas

Guest Editors

Dr. Danielle Peters

Human Health and Therapeutics Research Center (HHT), National Research Council Canada, Ottawa, ON, Canada

Dr. Wangxue Chen

Human Health and Therapeutics Research Center (HHT), National Research Council Canada, Ottawa, ON, Canada

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Dr. Eric O. Freed

HIV Dynamics and Replication Program, Center for Cancer Research,
National Cancer Institute, Frederick, MD 21702-1201, USA

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