

## Special Issue

# Roles and Applications of Phages in the Food Industry and Agriculture

### Message from the Guest Editors

Efforts in overcoming the difficulties of the complexity of food matrices, in vivo or field experiments lead to expansion of phage diversity and their exploitation, demonstrating several possible applications for phage-related products across the entire food production chain. Unravelling phage-host interactions is important for the rational development of phage cocktails and phage-based tools such as biosensors or biocontrol agents. In this context, the characterization of viral host-binding machineries and their bacterial receptors, as well as the attack and defence mechanisms are highly valuable. For this special issue, we invite authors to submit original and unpublished research papers, reviews, or short communications covering different research topics related to the roles or the applications of phages in food processes or agriculture. This may include phage ecology and phage-host interactions in related fields, phage-based biosensors or biocontrol of food-borne pathogens or spoilage bacteria, and exploitation of phage proteins.

### Guest Editors

Dr. Cécile Philippe

Prof. Dr. Jennifer Mahony

Dr. Adeline Goulet

### Deadline for manuscript submissions

closed (31 December 2022)



## Viruses

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*Viruses*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[viruses@mdpi.com](mailto:viruses@mdpi.com)

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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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