Special Issue

Aquatic Animal Viruses and Antiviral Immunity

Message from the Guest Editor

Aquatic environments host the highest diversity of animal species on our planet. This diversity is reflected by the aquatic viruses that infect them, as well as in the responses aquatic animals have developed to combat viral infection. Although many insights have been gained for understanding these animal-virus interactions in aguatic ecosystems, there is still much to be uncovered. For this Special Issue, we invite papers that expand our understanding of aquatic animal-virus interactions with the aim of expanding the body of literature that can be used to enhance farming, biomedical utilization, and environmental stewardship of aquatic ecosystems necessary for maintaining healthy and productive environments. We encourage papers describing new virus discoveries, emerging or changing viral diseases, therapies, molecular detection methods, genetics and advances in understanding viral-host interactions that push the current boundaries of how we understand aquatic viruses and aquatic animal antiviral immunity.

Guest Editor

Dr. Mark Polinski

National Cold Water Marine Aquaculture Center, U.S. Department of Agriculture—Agricultural Research Service, Franklin, ME 04634, USA

Deadline for manuscript submissions

closed (31 August 2025)



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Viruses
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
viruses@mdpi.com

mdpi.com/journal/ viruses





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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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