

Special Issue

Innovations in Animal Virus Detection and Therapeutics

Message from the Guest Editors

Animal viral diseases continue to cause substantial economic losses and pose serious health challenges to both livestock and companion animals, and even threaten human public health due to their zoonotic potential. The rapid development of innovative diagnostic technologies and therapeutic strategies is essential for early detection, effective disease control, and improved animal welfare. This *Special Issue*, “Innovations in Animal Virus Detection and Therapeutics,” focuses on recent advances in animal virus detection and antiviral approaches. Topics include rapid and portable diagnostic platforms, novel immunoassay and nucleic acid-based detection methods, and the discovery of antiviral functional additives, small-molecule inhibitors, and immunomodulatory compounds. Studies related to virus–host interactions and mechanistic insights are also welcome. We look forward to your valuable contributions.

Guest Editors

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Deadline for manuscript submissions

30 September 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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