

Special Issue

Novel Insights into Companion Animals Virus: Infection and Therapy

Message from the Guest Editor

Companion animals include not just dogs and cats, but also horses, donkeys, rabbits, domestic pigs, ferrets, guinea pigs, reptiles, birds, and ornamental fish. Despite an evident link between human health and wellbeing and their pets, little is known about the role of companion animals as sources of viruses for people. Viruses of major concern include feline coronavirus (related to the novel severe acute respiratory coronavirus responsible for the worldwide pandemic) and its systemic virulent variants, canine distemper virus infections of dogs and large felids, equine herpes virus, and West-Nile virus, which causes severe disease in horses. Additionally, tick-borne encephalitis virus, Crimean–Congo hemorrhagic fever virus, hantaviruses, hepatitis E virus, Aichi virus, European bat lyssavirus, cowpox virus, G5 rotavirus, influenza A virus, and lymphocytic choriomeningitis virus represent emerging and re-emerging threats for companion animals. Thus, improved knowledge regarding the pathogenesis, diagnosis, prevention, and control of companion animal viral infections is pivotal.

Guest Editor

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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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