

Special Issue

Feline Coronavirus Infections

Message from the Guest Editors

Feline infectious peritonitis (FIP) has been a challenge for veterinarians and a devastating disease among cats for over half a century; however, despite marked efforts and many theories, the pathogenesis of FIP is still not fully understood. Feline infectious peritonitis is a clinical syndrome, which results in changes to viral pathogenicity, enabling FIP viruses (FIPVs) to replicate in monocytes and macrophages. Recent studies have reported the use of drugs such as the nucleoside analogue remdesivir, GS-441524 and EIDD-2801 as a successful treatment of FIP, with about 80% success in treating this previously lethal disease. The aim of this Special Issue is to provide new insights into feline coronavirus infections, particularly FIP, which is essential for a better understanding of the disease and for advancing the treatment for FIP. Thus, we invite you to submit original articles and review articles on feline coronavirus infections, including the basic mechanisms of FIPV infections in vitro and in vivo, virus interactions with the host immune system, the development of novel diagnostic tools, and studies on therapeutic and preventive measures.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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