

Special Issue

Respiratory Diseases in Dogs and Cats—Causes, Diagnostic Tools and Treatment

Message from the Guest Editor

This Special Issue aims to provide an update on the latest research in the field of lower airway infections in dogs and cats. Lower respiratory infections in companion animals are common, but they are also challenging in terms of diagnostic work-up and treatment. In recent years, exciting new research has been published in the field of canine and feline pneumonia using last generation sequencing for the detection of microbial communities involved, advanced new imaging modalities, investigations in complex interactions between the immune response of pathogens and hosts, and options for the provision and monitoring of intensive treatments have been evaluated. Manuscripts presenting original research in all fields of this topic are welcome to be submitted for publication in this Special Issue, including an investigation of the bacterial, viral, and parasitic pathogens and microbial communities involved in pneumonia, the investigation of predisposing factors, an evaluation of diagnostic tools and biomarkers, and articles which provide new insights into therapeutic options and outcomes.

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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