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

Guest Editor:

Dr. Bianka Schulz
Clinic of Small Animal Medicine, LMU University of Munich, Veterinaerstr. 13, 80539 Munich, Germany

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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.

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Special Issue

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips
1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

Message from the Editor-in-Chief

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