

Special Issue

Equine Asthma: From Pathogenesis to Therapy

Message from the Guest Editor

Most horses will likely experience some form of airway inflammation during their life. As equine asthma is not only associated with reduced athletic performance but can also be detrimental to welfare, there is a need to collect, communicate, and promote fundamental and applied research on this highly prevalent respiratory disease. The topics of this Special Issue include, but are not limited to, the following:

- Physiology and pathophysiology of equine asthma in horses;
- Investigations into the impact of equine asthma on athletic performance;
- Advances in the diagnosis and treatment of equine asthma, including precision medicine approaches;
- The validation of new techniques and tools for assessing equine respiratory function, disease, and efficacy of treatments;
- Whole-genome sequencing and respiratory microbiota investigations;
- Epidemiology studies;
- Antimicrobial stewardship in equine asthma.

Guest Editor

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About the Journal

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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