

Special Issue

Equine Upper Respiratory Tract Dynamics

Message from the Guest Editors

The horse, being an obligate nasal breather, cannot switch to oronasal breathing during exercise, during which they are subjected to a large increase in airflow and nasopharyngeal turbulence, which predisposes to a loss of nasopharyngeal stability. The early detection of upper respiratory tract dysfunctions reduces the risk of poor performance and discomfort and contributes to an increase in the longevity of sport horses which is crucial as their peak in performance is between 12 and 18 years of age. Furthermore, there is a significant influence of the ridden head and neck position on pharyngeal diameter. Therefore, the International Society for Equitation Science (ISES) has advised further research to be done on the physiological/psychological effects of lesser degrees of poll flexion in the ridden horse.

Researchers working in equine anatomy, physiology, internal medicine, sport medicine, surgery, pharmacology, behavior and welfare are welcome to contribute original novel research and unique case reports or case series, as well as insightful in-depth reviews with the aim of bringing together the latest findings on this topic.

Guest Editors

Dr. Paula Tilley

Prof. Dr. Manuel Branco Ferreira

Dr. Joana de Sousa Azevedo Simões

Deadline for manuscript submissions

closed (30 June 2024)



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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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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.

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

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