

Special Issue

Update on Prevention and Treatment of Orthopedic Infection in Horses

Message from the Guest Editor

Horses usually develop bone infection subsequent to traumatic incidents involving fractures, lacerations, and puncture wounds. Horses with long bone fractures, especially if they are open fractures (skin penetrated or broken during or after fracture), are predisposed to developing bone infection. Long bone fractures often require internal fixation with plates and screws or other materials, making the area prone to infection even if the primary incident does not lead to an open fracture. In addition, foals usually develop bone infection secondary to bacteremia or septicemia (systemic infections spread through the blood), which are relatively common in neonatal foals that have failure or partial failure of passive transfer from colostral antibodies. For a successful outcome, bone infection needs to be treated early and aggressively with bactericidal antibiotics and, in some cases, surgery.

This Special Issue seeks to report on the recent original research findings and reviews related to orthopedic infection of horses on prevention, diagnosis, as well as method or medicine for treatment.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2021)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/54398

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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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