

Special Issue

Pathogenesis, Diagnostic Modalities, Biomechanical Markers and Multimodal Therapeutic Strategies of Equine Orthopedic Diseases

Message from the Guest Editors

Equine orthopedic diseases are a major cause of economic loss in the equine industry and a significant concern for horse owners and veterinarians, and can also cause significant pain, lameness, and decreased athletic performance in affected animals. The pathogenesis of equine orthopedic diseases can vary depending on the specific condition, but often involves a combination of mechanical stress, inflammation, and genetic predisposition. Accurate diagnosis is critical for effective treatment, and a range of diagnostic modalities are available, including radiography, ultrasonography, magnetic resonance imaging, and computed tomography. Multimodal therapeutic strategies are often necessary for managing equine orthopedic diseases and may include a combination of medical and surgical interventions, rehabilitation, and alternative therapies such as acupuncture and stem cell therapy. We invite original research and review papers that aim to provide a comprehensive overview of the pathogenesis, diagnostic modalities, biomechanical markers, and multimodal therapeutic strategies for these conditions.

Guest Editors

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Deadline for manuscript submissions

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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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