

Special Issue

Recent Advances in Veterinary Orthopaedics—Companion Animal

Message from the Guest Editors

Companion animals are integral to our global community. In the U.S., 87 million households own pets, 75% report at least one dog and 54% at least one cat. Veterinary orthopaedic surgeons are entrusted with treating musculoskeletal diseases and injuries in this growing population of companion animals. They must continue to advance, whilst meeting societies' needs, to fulfil this charge. Advances must occur in understanding disease mechanisms, biological responses to treatment, biomechanics of injury and repair, innovations in technology, and refinement of treatment algorithms to provide care at all levels. Furthermore, experience gained may inspire colleagues in the wider community entrusted with orthopaedic care of other species, including humans.

The purpose of this issue is to highlight recent advances in orthopaedic care of companion animals (not just dogs and cats, but also rodents, reptiles, and fish). Original research (ex vivo, in vivo) and review articles presenting basic science, i.e., fundamental principles, allowing translation of results to companion animals are encouraged. Similarly, case reports presenting companion animal orthopaedics are also encouraged to submit.

Guest Editors

Dr. Dan Wills
Dr. Rema A. Oliver
Dr. Rachel Basa

Deadline for manuscript submissions

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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.

Editor-in-Chief

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