

Special Issue

Advances in Image-Guided Veterinary Surgery: Second Edition

Message from the Guest Editors

Imaging systems, such as X-rays, fluoroscopy, ultrasound, CT, and MRI, are commonly used as preoperative guidance for veterinary surgeons, providing them with a detailed, patient-specific anatomical description of the designated area. In addition, intraoperative imaging allows the surgeon to track surgical instruments in hybrid operating rooms in order to directly or indirectly guide surgical procedures. This multidisciplinary approach improves the safety and accuracy of the surgical procedure, reducing tissue trauma and improving the outcome. Recently, extended reality has been applied to surgical planning and approaches, improving the operative experience, reducing operative times, and lowering the rate of surgical errors. We welcome original research, review articles, and relevant clinical cases from around the world. Submitted articles should address advances in the use of perioperative medical imaging techniques to support surgical procedures.

Guest Editors

Dr. Antonello Bufalari

Dr. Andrea Corda

Dr. Domenico Caivano

Deadline for manuscript submissions

15 May 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/254593

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

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)