

Special Issue

Biotechnology of Reproduction

Message from the Guest Editor

The continuous developments in molecular biology and animal reproduction have created an authentic revolution in the animal industry, especially in biomedical sciences. Reproductive technologies like artificial insemination, embryo transfer, IVF, DNA microinjection, SMGT, ICSI, SCNT and gene editing in animals have opened the road towards improvements in animal production and in the generation of genetically modified animals. Even though the progress in these technologies has been enormous, the scientific community is still working on increasing their efficiency. New knowledge and developments are needed to make these technologies more accessible for the livestock production chain as well as for the further generation of animal models for human diseases and organ transplant to humans. We invite original research papers on animal biotechnology of reproduction. We want to include specific topics such as embryo transfer, estrous synchronization, IVF, ICSI, gene editing in animals, SCNT, ICSI, DNA and RNA microinjection, and, in general, reproductive biotechnologies with application in animal production and biomedical sciences.

Guest Editor

Dr. Jose L. Estrada

Department of Surgery-Transplantation, The University of Alabama, Birmingham, AL, USA

Deadline for manuscript submissions

closed (30 June 2019)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/22965

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)