

# Special Issue

## Advances in Ovarian and Testicular Physiology

### Message from the Guest Editor

Several advances have been observed regarding knowledge about reproductive physiology. However, the challenges are still many, whether due to the need to improve biotechnologies of reproduction that serve survivors of gonadotoxic diseases, such as cancer, or due to the need to produce or preserve animal genetic resources, such as those of high zootechnic value or endangered animals.

The aim of this Special Issue is to compile the main advances related to promising alternatives for maintaining or improving reproductive potential in male and female mammals. Therefore, we are pleased to invite you to submit your latest findings from in vivo or in vitro experiments testing different synthetic or natural substances or supplements, physical exercise or diet protocols, and alimentary supplements, all considering their therapeutic potential to improve or potentialize ovarian or testicular cell survival and development, focusing on gonadal health.

### Guest Editor

Prof. Dr. Valdevane Rocha Araújo

Laboratório de Fisiologia Reprodutiva (FisioRep Laboratory),  
Universidade Federal do Delta do Parnaíba (UFDPAr), Parnaíba, PI,  
Brazil

### Deadline for manuscript submissions

closed (10 January 2025)



## Animals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/201337](https://mdpi.com/si/201337)

*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto: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)