

Special Issue

Advances in Animal Fertility Preservation

Message from the Guest Editor

The preservation and sustainable management of animal genetic resources is critical for the global maintenance of biodiversity, food security, and population livelihoods. A concerted effort, including the establishment of international and national goals and strategies allied to local interventions, is urgently needed for the conservation of animal genetic diversity. Currently, most of the indicators of the state of biodiversity are in decline. On the contrary, the extinction of species and breeds, including domestic animals, continues to increase. Germplasm preservation and assisted reproductive technologies are currently envisaged as critical tools for the conservation and management of animal genetic resources and for fertility preservation. However, germplasm quality is one of the key limiting factors in both male and female fertility. This Special Issue presents an excellent opportunity to show novel strategies, therapies, and lines of research in progress that have revealed different possibilities in the conservation of animal genetic resources, the preservation of germplasm, and the improvement in the quality and developmental competence of gametes and embryos.

Guest Editor

Dr. Rosa Maria Lino Neto Pereira

1. Unit of Biotechnology and Genetic Resources, National Institute of Agrarian and Veterinary Research, Quinta da Fonte Boa, 2005-048 Vale de Santarém, Portugal

2. Department of Veterinary Sciences Research Centre, Vasco da Gama University School, Lordemão University Campus, 3020-210 Coimbra, Portugal

3. CIISA, Faculty of Veterinary Medicine, University of Lisbon, Av. da Universidade Técnica, 1300-477 Lisboa, Portugal

Deadline for manuscript submissions

closed (30 October 2022)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/72387

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. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
 2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, 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)