

## Special Issue

# Reproductive Biology in Aquatic Animals: Implications for Aquaculture and Environmental Conservation

### Message from the Guest Editors

The seafood production sector provides more than 50% of the total seafood protein in the world. At the same time, the percentage of fish stocks within biologically sustainable levels in 2017 drop down to 65.8%. Growing demand for healthy food and effective protein source drives the aquaculture sector to reach each year new production records. In this situation advances in the aquatic animal's reproduction and knowledge useful in wild aquatic animals protections are crucial for reaching the sustainable goals in the sector development.

Special issue welcomes contributions of valuable basic and applied researches that address reproductive biology in aquatic animals including. The issue is divided into the following parts:

- Recent advances in reproductive biology in aquatic animals
- Development of aquaculture practices for the reproduction of commercially important species of fish, shellfish and shrimps in aquaculture
- Gene banking and biological conservation of wild and endangered aquatic animals
- The effects of environmental pollutants on reproductive physiology in aquatic animals
- The effects of climate change on reproductive physiology in aquatic animals

### Guest Editors

Dr. Radosław Kowalski

Dr. Sayyed Mohammad Hadi Alavi

Dr. Borys Dzyuba

Dr. Daniel Źarski

Dr. Ákos Horváth

### Deadline for manuscript submissions

closed (31 December 2021)



## Animals

an Open Access Journal  
by MDPI

Impact Factor 2.7  
CiteScore 5.2  
Indexed in PubMed



[mdpi.com/si/67013](https://mdpi.com/si/67013)

*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)