

Special Issue

Pharmacokinetics and Pharmacodynamics in Aquatic Animals

Message from the Guest Editors

Aquaculture is the fastest growing food production activity in the world. The Food and Agriculture Organization of the United Nations (FAO) highlights the immense potential of aquaculture to significantly contribute to full access to food of adequate quality for the global population. Aquaculture is predicted to supply most of the aquatic dietary protein by 2050. However, aquaculture products are also being contaminated on a regular basis, which may lead to serious adverse effects on the consumers' health. This is particularly relevant concerning the presence of chemical pollutants in the aquatic environment. So, studies concerning the pharmacokinetics (PK) and pharmacodynamics (PD) of pollutant chemicals in aquatic animals are important to shed light on the risk assessment of these hazards for aquaculture products and the aquatic environment aiming to guide public health policies.

Guest Editors

Dr. Jonas A. R. Paschoal

Department of Biomolecular Sciences, School of Pharmaceutical Sciences of Ribeirão Preto, University of São Paulo, Ribeirão Preto, SP, Brazil

Dr. Fabiana Pilarski

Laboratory of Microbiology and Parasitology of Aquatic Organisms, Sao Paulo State University (Unesp), Aquaculture Center of Unesp, Jaboticabal, SP, Brazil

Deadline for manuscript submissions

closed (31 January 2024)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/149345

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, WA 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)