



Functional Feeds and Antioxidant Status in Aquatic Animals: Current Research and Future Directions

Guest Editors:

Dr. Rita Teodósio

Dr. Maria João Xavier

Dr. Sofia Engrola

Dr. Cláudia Aragão

Deadline for manuscript
submissions:

closed (12 December 2023)

Message from the Guest Editors

Dear Colleagues,

Functional feeds are being increasingly recognized as a nutritional tool to improve the overall robustness and performance of aquatic animals. These feeds are designed to promote growth, feed conversion efficiency, nutrient digestibility, and immune and antioxidant status in aquatic animals.

In this Special Issue, we invite contributions focusing on the potential benefits of using functional feeds to reduce oxidative stress and improve animal robustness and/or resilience in the Aquaculture industry. Functional feeds may include additives such as pre- and probiotics, plant extracts, amino acids, protein hydrolysates, micro- and macroalgae biomasses and extracts, etc. We also aim to explore emerging areas of research, such as the use of functional feeds in promoting gut health or enhancing aquatic animal response to adverse conditions.

Overall, this Special Issue intends to highlight the importance of functional feeds to improve the performance or welfare of cultured fish and shrimp. We hope that this Issue will stimulate further research in this area and contribute to the development of more effective and sustainable aquaculture practices.





an Open Access Journal by MDPI

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

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 (2023, ranks 10/80 (Q1) in ‘Agriculture, Dairy & Animal Science’; 16/167 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.0.

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)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)