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Morphological and Physiological Research on Fish

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Message from the Guest Editors

This Special Issue is dedicated to the application of morphological and physiological studies carried out on fish.

Fish represent the largest and most diverse group of vertebrates, and there are various uses of these animals in both research and industry. On the one hand, aquaculture is one of the world's most efficient and sustainable methods to produce high-quality protein. On the other hand, in the last decades, fish have emerged as an interesting model system in biomedical research, due to the close similarities they have with mammals, in terms of various basic mechanisms. Morphological studies provide us with context for comprehension of the spatial organization and relationship between physiological and biochemical data, and the molecular machinery that is promptly being explained through molecular techniques directed at the genome, transcriptome and proteome. For this reason, new morphological and physiological studies of fish would broaden the knowledge pertaining to these animals, with remarkable and interesting applicability both in basic and applied research.

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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.

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