

Special Issue

Advances in Fish Reproductive Physiology and Endocrinology: From Bench to Tank

Message from the Guest Editors

Aquaculture is an ever-growing field, constantly striving to ameliorate and increase production to meet consumers' needs and requests. To do so, it is mandatory to deepen the knowledge regarding the physiology and endocrinology of the reproduction of aquatic species, which are currently lacking in pivotal data. Indeed, one of the biggest challenges is represented by the extreme variability in fish biology, capable of showing an impressively wide array of reproductive patterns, often impossible to reproduce in farm settings. It is also important to mention that fish reproduction comprises other fields, such as laboratory animal science and aquariology, rather than just food production. The present Special Issue will collect studies aiming to characterize the reproductive biology of fish in all its aspects by means of physiological and endocrinological investigations. Trials performed in both laboratory and farming settings, ranging from molecular to behavioral studies, will be considered to try to gain new insights regarding the physiology of fish reproduction useful for aquaculture.

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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 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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