



animals



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Recent Advances in Fish Reproductive Physiology and Endocrinology: from Bench to Tank

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Deadline for manuscript submissions:

closed (30 November 2021)

Message from the Guest Editors

Aquaculture is an ever-growing field, constantly striving to ameliorate and increase production in order to meet consumers' needs and requests. In order 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 in order to try to gain new insights regarding the physiology of fish reproduction useful for aquaculture.



mdpi.com/si/64419

Special Issue



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Message from the Editor-in-Chief

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