

Special Issue

Physiology and Aquaculture of Pearl-Producing Mollusks

Message from the Guest Editor

This Special Issue seeks to contribute with current and novel information on the physiology of mollusks, particularly of pearl-producing species. Papers are accepted on topics related to advances in culture techniques, physiological, antioxidant, immune, and gene responses associated with seeding for pearl production in species such as marine pearl oysters of the genera *Pinctada* and *Pteria*, freshwater mussels (e.g., *Hyriopsis* sp.), and gastropods, such as abalone (*Haliotis* spp.) and the Queen conch (*Strombus gigas*). Other species potentially producing non-nacreous (porcelain) pearls include some pectinid scallops. The purpose of this volume is to open a forum of discussion on the current situation of pearl culture in several countries of the world where this activity is important, as well as in those where the activity is emerging. It also seeks to analyze the problems and prospects of solutions and the future growth of pearl farming in a globalized world influenced by climate change and the occurrence of new strains of pathogens.

Guest Editor

Dr. Pedro E. Saucedo

Aquaculture Department, Centro de Investigaciones Biológicas del Noroeste, La Paz 23000, Baja California Sur, Mexico

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Fishes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fishes@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Fishes is a multidisciplinary open access journal focusing on reports of original research and critical reviews and synthesis from the broad area of fishes and aquatic animals. The ultimate objective of *Fishes* is to facilitate the discovery of connections between research areas, advancing science and filling knowledge gaps, and providing solutions for all present and future issues encountered in the sector of fisheries and aquaculture. As Editor-in-Chief, I encourage you to consider *Fishes* for your scientific papers and would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Maria Angeles Esteban

Department of Cell Biology and Histology, Faculty of Biology, University of Murcia, 30100 Murcia, Spain

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