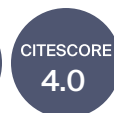




biology



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Genetic Breeding and Reproduction of Aquatic Animals

Guest Editors:

Message from the Guest Editors

Dr. Dongmei Ma

Dr. Huaping Zhu

Dr. Zaixuan Zhong

Prof. Qingheng Wang

Today, genetic improvements through new breeding and reproduction technology have been well documented in several farmed aquatic animals, including fish, shrimp, crab and shellfish, etc.

The genetic breeding research of aquatic animals targeting growth and feed efficiency, body shape, immunity and disease resistance, sex determination, stress tolerance, color and pigmentation, intermuscular bone, meat quality, and nutrition, etc., develops and progresses rapidly. So a deep dive into the mechanism of the above biological processes are needed to be further revealed and explained by using of new molecular biology and production technology.

In this Special Issue, publications include original research and reviews in the following fields: reproduction technology; gene function analysis; mapping of genes, traits and QTLs; molecular marker screening and linkage location; associations between genes and traits; genetic diversity; variability at gene and protein levels; the characterization of gene or protein expression and control, related to phenotypic or genetic variation.



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Special Issue



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Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

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Contact Us

Biology Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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