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Genomics in Aquaculture and Fisheries

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Deadline for manuscript submissions:

closed (25 October 2023)

Message from the Guest Editors

Dear Colleagues,

The aquaculture and fisheries research sectors can now take full advantage of the progress in genomic technologies and of the availability of genomic information that allows enhancing the investigation of an increasing number of fish species. Because of this, it is now possible to perform high-quality applied and fundamental genomic research in numerous species for several goals, which include the improvement of aquaculture production, welfare in cultivation contexts, the molecular traceability of derived food products, the monitoring of biodiversity, and investigating the effect of external factors (in nature or culture) on the physiology and genetics of relevant animal species and their pathogens.

This Special Issue aims to publish methodological studies, and basic and applied investigations on aquaculture and fisheries that will contribute to a better understanding, exploitation and management of genetic diversity in breeding, conservation and traceability/authentication programs through genomic approaches and technologies.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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