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Omics Technologies Applied to Aquaculture Research

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Message from the Guest Editor

The reduction in the cost of omics technologies in recent years has accommodated valuable and important advances in other areas of knowledge. Aquaculture, as an economically relevant industry, has taken advantage of these technologies to improve our understanding of various aspects in the field, such as nutrition, growth, disease resistance, and reproduction. As a consequence, research in aquaculture is experiencing a revolution in a variety of areas. These omics tools comprise different approaches related to genomics, epigenetics, transcriptomics, proteomics, and metabolomics, but also aim to elucidate the composition of microbiota through different metagenomic and metatranscriptomic strategies.

Considering the success of the earlier Special Issue, “Transcriptome and Genome Analyses Applied to Aquaculture Research”, we are pleased to launch a second edition entitled “Omics Technologies Applied to Aquaculture Research”. The first edition of this Special Issue mainly focuses on genome and transcriptome analyses, but we would like to expand the topic of the new edition to all omics technologies. Original papers and reviews will be considered for publication.



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Special Issue



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Message from the Editorial Board

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