

Special Issue

Genetic Research in Aquaculture

Message from the Guest Editor

The lowering cost of next-generation sequencing (NGS) strategies during the last years has enabled the genome sequencing of numerous fish and shellfish species with relevance in the aquaculture industry. This represents an important tool for geneticists, since whole-genome availability facilitates the search for genetic markers or genes associated with different traits of interest. Massive transcriptome analyses have also become indispensable to study different questions of interest (nutrition, growth, disease resistance, reproduction, etc.). More recently, the study of the epigenome is being rapidly expanded to aquaculture research. This Special Issue welcomes papers in the field of the genetics and genomics of fish and shellfish species of interest in aquaculture, including the identification of genetic markers, gene variants, genome sequencing, and transcriptome and epigenome analyses. Manuscripts focusing on high-throughput methodologies will be appreciated, although the topic covers all aspects related to genetic research in aquaculture.

Guest Editor

Dr. Antonio Figueras

Instituto de Investigaciones Marinas, IIM-CSIC, Eduardo Cabello, 6, 36208 Vigo, Spain

Deadline for manuscript submissions

closed (10 April 2021)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/45222

Genes

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

mdpi.com/journal/

genes



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



About the Journal

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.

Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))