

## Special Issue

# Nutritional, Environmental, and Anthropogenic Influence in Molecular Pathways Involved in Fish Development

### Message from the Guest Editor

It is well known that nutritional, environmental, and anthropogenic factors affect the development of an organism. They can both promote or alter the correct process of ontogenesis through tightly orchestrated and complex mechanisms. Fish research in this area is continuously increasing because of its significance in terms of biodiversity management and aquaculture practices. Moreover, fish have been proven to serve as models for medical research since they share molecular signatures and histopathological features with human diseases. This Special Issue aims to gather the recent advances in the understanding of how these factors influence the intricate process of fish development leading to normal or abnormal/unhealthy phenotypes. Original research and reviews on developmental biology, physiology, cell biology, epigenetics, developmental plasticity, morphogenesis, etc. from a molecular perspective are welcome, especially those using integrative omics (or multi-omics) approaches. Both fundamental and applied research are appreciated.

### Guest Editor

Dr. Maria J. Darias

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### Deadline for manuscript submissions

closed (31 December 2020)



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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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