



## Endocrine Control of Fish Metabolism

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submissions:

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### Message from the Guest Editors

Fish are ectothermic animals whose metabolisms must face multiple challenges. Furthermore, because the whole genome duplications occur at different points of the teleosts' evolution, several components of the endocrine and molecular networks have been expanded, therefore increasing the complexity of the systems.

This Special Issue aims to gather original research and reviews that unravel different aspects of the multiple endocrine systems controlling fish metabolism, including, but not limited to, hypothalamus–pituitary axis, pancreatic hormones and insulin-growth factors, corticosteroids, sex steroids, adrenergic and thyroid hormones. Studies from a molecular perspective are welcome, such as those regarding characterization or phylogenetic analysis of hormones, receptors, signaling pathways, with special (but not exclusive) interest on integrative omics approaches, always within the framework of the endocrine regulation of fish energy metabolism. Applied topics in relation to aquaculture, biomedicine or metabolic diseases, toxicology and biotechnology will also be considered for publication in this issue.





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## Message from the Editor-in-Chief

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