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## Sex Determination and Differentiation in Aquatic Animals

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Deadline for manuscript submissions:

**25 March 2025**

### Message from the Guest Editors

Sex determination and differentiation are important developmental events in the life cycle of all sexually reproducing animals. Sex determination is complicated and very flexible. For instance, according to the role of temperature in sex determination, the sex-determining mechanisms in fish can be broadly classified as genotypic (GSD), temperature (TSD) or genotypic plus temperature effects (GSD + TE). Additionally, the sexual phenotype exhibits various types, including gonochorism and hermaphrodites. Research on the genetic basis and potential mechanisms of sex determination and differentiation is necessary for application in aquaculture and species conservation. In recent decades, remarkable progress has been obtained in research on sex determination and differentiation in aquatic animals. In this Special Issue, we will present state-of-the-art work relating to sex determination and differentiation in aquatic animals, assembling the most recent advances in our field in one place.



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## Message from the Editor-in-Chief

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