

Special Issue

Molecular Mechanisms of Sexual and Reproductive Development in Aquatic Animals

Message from the Guest Editor

Aquatic animals, including fishes, crustaceans, shellfish, etc., have greatly contributed to the aquaculture industry's development. However, there is a limited amount of research regarding the regulatory mechanisms of sexual and reproductive development, especially in aquatic invertebrates. Elucidating the related mechanisms will provide great assistance in the genetic breeding and cultivation of important aquaculture organisms. This Special Issue welcomes original research and review articles that focus on the exploration of the molecular mechanisms of sexual and reproductive development in aquatic animals. Potential topics include, but are not limited to, regulatory mechanisms of sex determination and differentiation, sex control, germline specification, gonadal development, gametogenesis, and the application of biological technologies to improve reproductive performances.

Guest Editor

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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