

Special Issue

Genetic Evolution of Marine Shellfish

Message from the Guest Editor

Mollusca is the second largest phylum in the animal kingdom following Arthropoda. Around 85,000 extant species are recognized, and this group could contain up to 200,000, comprising almost a quarter of all named marine organisms. Most of the species that have ever lived vanished in ancient history since mollusks first appeared in the earliest Cambrian, leaving only 35,000 known fossil species. Global environmental changes and geological events continue to drive biological evolution, altering the biodiversity of Mollusca and genetic information of taxa. To better explain the relationships within Mollusca, massive phylogenetic hypotheses have been raised, with data continuously enriched by morphological, ultrastructural, molecular, developmental, and fossil records. This Special Issue aims to present new original articles in taxonomy and phylogeny, biodiversity, genetic diversity, and the evolutionary characteristics and mechanisms of marine shellfish with respect to genes, genetics and genomics. Additionally, review articles that cover the latest studies on the genetic evolution of marine shellfish are welcome.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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?

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