

Special Issue

Genetics, Diversity and Evolution of Molluscs

Message from the Guest Editor

This Special Issue focuses on the genetic studies, diversity, and evolution of molluscs such as bivalves, gastropods, and cephalopods. These studies cover a broad range of topics, including population structure, genetic variation within and between populations and species, genetic identification based on DNA barcoding, and complete mitochondrial genomes (mtDNA). This Special Issue seeks to advance knowledge of molluscan genetics, their diversity, and evolutionary processes. We invite contributions to explore the following:

- Population genetic structure and gene flow in marine, freshwater, and terrestrial molluscs;
- DNA barcoding and molecular identification of cryptic molluscan species;
- Genetics of endangered and invasive species;
- Genomic and mitogenomic signatures of speciation and adaptive radiation;
- Phenomenon DUI (double uniparental inheritance of mtDNA) has so far only been observed in certain bivalve families;
- Evolutionary dynamics of functional genes;
- Phylogenetic relationships within and between major molluscan classes;
- Genetic consequences of environmental changes;
- Impact of climate change on the distribution and life cycles of molluscs, especially aquatic species.

Guest Editor

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Deadline for manuscript submissions

10 September 2026

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About the Journal

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?

Editor-in-Chief

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