

Special Issue

Molecular Evolution, Mitochondrial Genomics and Mitochondrial Genome Expression in Animals

Message from the Guest Editors

Molecular evolution in animals using nuclear or mitochondrial DNA, and mitochondrial genomics has transformed phylogeny of animals in recent decades. Still, there is a lot of work ahead. The demand for molecular evolution and mitochondrial genomics in animals is rising. At the same time, the mitochondrial gene arrangement in different orders of Insecta is of great concern. Understanding the molecular evolution in animals, the molecular mechanisms of gene rearrangement in animals, and even the mitochondrial gene expression of animals under different stress will benefit us all. This Special Issue in *Genes* on “Molecular Evolution, Mitochondrial Genomics and Mitochondrial Genome Expression in Animals” will highlight how mitochondrial genomics technologies are paving the way to understand the evolution of animals and the function of mitochondrial gene in animals. The Special Issue will provide an article of recent developments in molecular evolution using nuclear and mitochondrial DNA in animals, or the phylogenetic relationship of animals using mitochondrial genomes, or mitochondrial gene expression of animals under different environmental stress.

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Deadline for manuscript submissions

closed (25 September 2023)

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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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