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Phylogenomics and Molecular Evolution

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Message from the Guest Editors

Modern genomic technologies have opened additional opportunities for the study of the phylogeny, population history and demographic structure of many species. Novel methods in this area allow us to carry out many important investigations aimed at molecular systematics and genetic diversity analyses, speciation studies, conservation of species, development of breeding programs to restore endangered species and even de-extinction projects.

This Special Issue is aimed at representing the applicability of modern genomics and bioinformatics methods for understanding the patterns of species evolution and the development of novel practices for molecular systematics and phylogenetics. For this Special Issue, we therefore invite you to contribute original research and review papers describing the application of DNA sequencing for phylogenetic and systematics analyses, as well as speciation and molecular evolution studies. Novel computational approaches and pipelines for performing such investigations are also welcome.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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