

Special Issue

Wildlife Genomics and Genetic Diversity

Message from the Guest Editor

Biodiversity is a key component of ecosystems, therefore, lie at the core of efforts to understand the links between biodiversity and ecosystem function. The nature of genomics and genetic diversity in wildlife has always been the basic problem of evolutionary genetics, as well as gene flow, population depression, population growth, and so on.

Therefore, this Special Issue will focus on the genomics and genetic diversity of wildlife, including animals, plants, and microorganisms and will aim to fill these gaps in research by evaluating the following aspects: (1) the genomics and genetic diversity in wildlife through all kinds of molecular markers, (2) the mechanisms by which environment- and genetic-driven trait variation occur in wildlife, (3) the ecological and evolutionary consequences of genotypic diversity effects on interactions in wildlife, (4) the genetic diversity consequences among stress factors; (5) the linkages between the evolutionary forces that shape the expression of additive genetic variation and ecological genetic diversity effects.

Guest Editor

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closed (15 March 2024)

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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?

Editor-in-Chief

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