

# Special Issue

## Adaptive Evolution of Insects

### Message from the Guest Editors

One of fundamental purposes of modern biological research is to uncover the genetic and molecular basis of adaptation and evolutionary change in organisms. Insects are the largest group of animals on earth; they have adapted and diversified under various natural conditions. Insect populations are therefore good models for investigating the environmental adaptation of organisms. Moreover, the inhabiting environments of the insects are also influenced by the increasing human activity, which is considered as a set of major selective forces rapidly leading to a change in genetic variation and population structure. In addition, the dramatically declining cost of DNA sequencing and recent advances in functional genomic techniques have been beneficial to explore the genetic and molecular mechanisms underlying adaption.

This Special Issue aims to collect high-quality research articles and review articles. We are particularly interested in those that are mainly focused on (but not limited to) how populations or species adapt to various environmental conditions and human-mediated changes (such as domestication). Both genomic dry research and experimental wet research are welcome.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 November 2022)

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## Genes

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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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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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