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Evolutionary Dynamics of Wild Populations

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Message from the Guest Editors

Dear Colleagues,

Wild populations are facing rapid environmental changes exacerbated by pressing human activities. A major endeavor is to unravel the evolutionary processes allowing wild populations to adequately respond to these rapid and drastic environmental changes. There is now growing evidence that evolutionary processes (gene flow, drift, mutation, and natural selection) interact in sometimes complex ways to shape the rapid responses of organisms to changing environments, and this can lead to unexpected feedback between evolutionary and ecological dynamics. These rapid responses are sustained by genetic determinants in addition to alternative inheritance systems, including epigenetic and/or social avatars of information. Unravelling these underlying molecular mechanisms may change the design of management and conservation plans for wild populations.

In this Special Issue, we aim to present these novel research avenues on the evolutionary dynamics of wild populations so as to generate a general overview of the most up-to-date and fascinating studies.

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Guest Editors



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Special Issue



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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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