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Evolutionary Dynamics of Wild Populations

Guest Editors:

Dr. Delphine Legrand

Station d'Ecologie Théorique et
Expérimentale, UMR 5321, Centre
National pour la Recherche
Scientifique et Université Paul
Sabatier, 09200 Moulis, France

Dr. Simon Blanchet

Station d'Ecologie Théorique et
Expérimentale, UMR 5321, Centre
National pour la Recherche
Scientifique et Université Paul
Sabatier, 09200 Moulis, France

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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.

Dr. Delphine Legrand

Dr. Simon Blanchet

Guest Editors



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Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

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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Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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