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Rapid Evolution

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Deadline for manuscript
submissions:

closed (15 May 2020)

Message from the Guest Editors

Dear Colleagues,

Over the last two decades, evolutionary biologists have increasingly recognized that selection-driven evolutionary change in populations or species is not restricted to geological timescales but can happen so fast as to be observable in real time. Beyond the fascinating opportunities this offers for basic research, rapid evolution has at least two major and interrelated consequences: First, rapid evolution defies the traditional distinction between ecological and evolutionary timescales. Second, rapid evolution may allow certain populations to adapt to anthropogenic changes in their environment and, in some cases, prevent population extinction.

This Special Issue aims at bringing together reviews and original research on diverse aspects of rapid evolution in natural populations subject to environmental change, with a focus on population-level and ecosystem effects of phenotypic and genetic adaptation. We welcome contributions using a variety of observational, experimental, and theoretical approaches. The aim is to assemble a list of papers reflecting the state-of-the-art of current research on rapid evolution.

Prof. Michael Kopp
Dr. Tom Van Dooren
Guest Editors



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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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