

Special Issue

Rapid Evolution

Message from the Guest Editors

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.

Guest Editors

Prof. Michael Kopp

Aix-Marseille University, Marseille, France

Dr. Tom Van Dooren

Institute of Ecology and Environmental Sciences iEES Paris, Paris, France

Deadline for manuscript submissions

closed (15 May 2020)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/29048

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



About the Journal

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

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))