



Evolutionary Genetics of Gene Expression

Guest Editors:

Dr. John Parsch

Division of Evolutionary Biology,
Faculty of Biology, Ludwig-
Maximilians-Universität
München, Munich, Germany

parsch@zi.biologie.uni-
muenchen.de

Dr. José M. Ranz

Department of Ecology and
Evolutionary Biology, School of
Biological Sciences, University of
California Irvine, Irvine, CA 92697,
USA

jranz@uci.edu

Deadline for manuscript
submissions:

closed (31 January 2019)

Message from the Guest Editors

Changes in gene expression can generate phenotypic diversity within and between species and, thus, play an important role in evolution. The expression of a gene may be influenced by various genetic events, including point mutations, insertions/deletions, transposable element mobilizations, gene duplications, and chromosomal rearrangements. Furthermore, mutations altering gene expression may be linked to the affected gene, such as changes to transcriptional enhancers (*cis*-regulation), or may occur elsewhere in the genome and exert their effects through gene regulatory networks (*trans*-regulation). In this Special Issue, we aim to publish review and original research papers that address the evolution of gene regulation using molecular evolutionary, population genetic, or functional genomic methods. In particular, we encourage submissions that address the genetic basis of gene expression variation, how it influences an organismal phenotype, and how it responds to natural selection.





genes



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. J. Peter W. Young

Department of Biology, University
of York, Heslington, York YO10
5DD, UK

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.

Why not consider *Genes* for your next genetics paper?

Author Benefits

Open Access:—Free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: Covered by **Science Citation Index Expanded** (Web of Science) and Scopus. Citations are available in PubMed, full-text archived in PubMed Central.

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2020).

Contact Us

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

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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