

## Special Issue

# Tools for Population and Evolutionary Genetics

### Message from the Guest Editors

In recent years, the development of next generation sequencing techniques has fueled an explosion in the pace at which genomic data sets are generated, while dramatically decreasing the costs of genome sequencing. Comparison of these datasets can uncover remarkable information about the evolution of organisms. The availability of datasets of ever-increasing size and complexity has resulted in a growing need for computational tools that allow their effective and efficient analysis. This special issue focuses on tools for population and evolutionary genetics, including, but not limited to, bioinformatics approaches, and computational tools, algorithms and resources. We welcome submissions of reviews, research articles, and short communications. We also encourage the submission of manuscripts describing new tools, in the form of “concept papers”.

---

### Guest Editors

Dr. David Alvarez-Ponce

Dr. Julie M. Allen

Dr. Won Cheol Yim

Dr. Marco Fondi

---

### Deadline for manuscript submissions

closed (31 July 2019)

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/18323](https://mdpi.com/si/18323)

*Genes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto: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  
Experimental Cancer Therapeutics, 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))