



*genes*



an Open Access Journal by MDPI

## Estimating Phylogenies from Large Genomic Datasets

Guest Editors:

### **Dr. Charles Bell**

Department of Biological Sciences, University of New Orleans, New Orleans, LA 70148, USA

### **Dr. Stephen A. Smith**

Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI, USA

Deadline for manuscript submissions:

**closed (30 November 2017)**

### **Message from the Guest Editors**

Dear Colleagues,

With the explosion of new data from “next generation” sequencing technologies over the past decade, evolutionary biologists have been faced with a number of challenges in using this data for phylogenetic inference. The goal of this Special Issue is to provide a brief overview of recently proposed methods for phylogenetic inference, as well as novel techniques for the acquisition, curation, and implementation of large datasets. We are especially interested in a wide variety of studies (both theoretical and empirical), from overviews of recent software/techniques/pipelines that have been developed to infer phylogenies from large genomic datasets.

Dr. Charles Bell

Dr. Stephen A. Smith

*Guest Editors*



[mdpi.com/si/9780](https://mdpi.com/si/9780)

# Special Issue



*genes*



an Open Access Journal by MDPI

## 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.

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

**Journal Rank:** JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

## Contact Us

---

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/genes](http://mdpi.com/journal/genes)  
[genes@mdpi.com](mailto:genes@mdpi.com)  
[X@Genes\\_MDPI](#)