

## Special Issue

# Research in Computational Molecular Biology Focused on Comparative Genomics: Selected Papers from RECOMB-CG 2022

### Message from the Guest Editors

This Special Issue presents selected papers from the 2022 RECOMB satellite workshop on Comparative Genomics (<https://recombcg2022.usask.ca/>). The RECOMB-CG conference brings together researchers in bioinformatics and genomics to discuss cutting-edge research in comparative genomics, with an emphasis on computational approaches and analyses, as well as novel experimental results. Topics of interest include genome evolution; population genomics; genome rearrangements; genomic variation, diversity and dynamics; phylogenomics; comparative tools for genome assembly; comparison of functional networks; gene identification or annotation; the evolution of cancer genomes; comparative epigenomics; paleogenomics; phylogenomics; metagenomics, and related areas.

---

### Guest Editors

Dr. Lingling Jin

Department of Computer Science, University of Saskatchewan, Saskatoon, SK S7N 5C9, Canada

Dr. Siavash Mirarab

Department of Electrical and Computer Engineering, UC San Diego, La Jolla, CA 92093-0407, USA

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 5.7  
Indexed in PubMed



[mdpi.com/si/114281](https://mdpi.com/si/114281)

*Biology*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biology@mdpi.com](mailto:biology@mdpi.com)

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





# Biology

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 5.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

---

### Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences )

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).