Special Issue

Next-Generation Sequencing Techniques: Solutions to Biological Problems

Message from the Guest Editors

In this Special Issue, we invite articles using NGS technologies to address all kinds of biological questions, including but not limited to DNA sequencing, RNA sequencing, exome sequencing, single-cell sequencing, DNA methylome sequencing, ChIP-seq, ATAC-seq, 16S/18S and whole-genome metagenomic sequencing, and metatranscriptomic sequencing.

Guest Editors

Dr. Xu Wang

Department of Pathobiology, College of Veterinary Medicine, Auburn University, Auburn, AL 36849, USA

Dr. Baofeng Su

School of Fisheries, Aquaculture and Aquatic Sciences, Auburn University, Auburn, AL 36849, USA

Deadline for manuscript submissions

closed (31 December 2023)



Biology

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/152204

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

mdpi.com/journal/ biology





Biology

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 7.4 Indexed in PubMed



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 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).

