

Special Issue

Analysis of CyTOF Data

Message from the Guest Editor

The theme of this Special Issue of *Biology* is the analysis of CyTOF data, with a specific focus on critical evaluation of data quality, optimizing application of analysis tools, and interpretation of results from a data science point of view. We accept manuscripts describing novel analysis tools or updates of existing tools, but reviews and benchmarking studies are most welcome. We are particularly interested in manuscripts covering batch correction algorithms, clustering algorithms, and dimensionality reduction algorithms, as well as in-depth discussions of the underlying data structures on a more theoretical level. Workflows primarily integrating existing tools are to a lesser degree within the scope of this Special Issue, and while proof-of-principle using real or simulated data is required, emphasis should be on the analyses rather than interpretation of the results in a biological context. We welcome pre-submission inquiries.

Guest Editor

Dr. Lars Rønn Olsen

1. Section for Bioinformatics, Department of Health Technology, Technical University of Denmark, 2800 Lyngby, Denmark
2. Center for Genomic Medicine, Copenhagen University Hospital, 2200 Copenhagen, Denmark

Deadline for manuscript submissions

closed (1 June 2021)



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/66739

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

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





Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
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, CAPus / 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).