

Special Issue

Transcriptional Regulation in Eukaryotes

Message from the Guest Editor

Eukaryotic transcription regulation involves complex, dynamic processes ensuring timely and specific gene expression across diverse cell types and signals. These processes encompass chromatin accessibility, epigenetic modifications, and the interaction of transcription factors (TFs) with DNA and other TFs and coregulators. They also include the formation of large multi-protein complexes at regulatory elements, dynamic long-range genomic contacts (e.g., between promoters and enhancers or silencers), 3D chromatin architecture, and non-coding RNAs. This Special Issue aims to cover various aspects of eukaryotic transcription regulation. We welcome original research and review articles that provide new insights into these processes, as well as articles describing novel methods.

Guest Editor

Dr. Anil Kumar Panigrahi

Department of Molecular and Cellular Biology, Baylor College of Medicine, One Baylor Plaza, Houston, TX 77030, USA

Deadline for manuscript submissions

31 October 2026



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/222042

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 7.3
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 16.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).