

Special Issue

Novel Drug Targets and RNA Epigenetics in Cancer Therapy

Message from the Guest Editor

In this Special Issue, we aim to highlight the recent advancements in understanding RNA epigenetics and its role in cancer biology. We encourage submissions that explore novel drug targets related to RNA modifications, such as RNA methyltransferases, demethylases, and RNA-binding proteins, as well as the development of small-molecule inhibitors or RNA-targeted therapies. Additionally, we welcome contributions that utilize cutting-edge technologies, including RNA-seq, CRISPR screening, and single-cell analysis, to investigate the dynamics of RNA modifications in tumorigenesis and therapeutic response. By focusing on these novel drug targets and the role of RNA epigenetics in cancer growth, progression, and therapy resistance, this Special Issue seeks to provide insights into innovative approaches for precision oncology. We invite researchers to contribute original research articles, reviews, and short communications to advance the field of RNA epigenetics in cancer treatment.

Guest Editor

Prof. Dr. Manjeet K. Rao

University of Texas Health Science Center at San Antonio, Department of Cell Systems and Anatomy, San Antonio, TX, USA

Deadline for manuscript submissions

closed (28 February 2026)



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/223377

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

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





Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)