

Special Issue

Gene Delivery for Cancer Therapy

Message from the Guest Editors

This Special Issue on “Gene Delivery for Cancer Therapy” welcomes original research and reviews on advancements in gene delivery systems for personalized and precise cancer treatments. Topics include the following:

- The design and production of delivery systems: viral and non-viral platforms such as LNPs, polymers, and extracellular vesicles.
- The mechanisms of delivery: cellular uptake, tumor targeting, and overcoming biological barriers.
- Applications in cancer therapy: preclinical and clinical advancements in nucleic acid-based biologics, including combination therapies.

This issue, bridging materials science, pharmaceuticals, and biology, aims to promote the novel design of drug and gene delivery systems for cancer therapy.

Guest Editors

Dr. Huiyi Liang

Department of Biomedical Engineering, Columbia University Medical Center, New York, NY, USA

Dr. Tianqi Nie

Department of Otorhinolaryngology Head and Neck Surgery, Guangzhou Twelfth People's Hospital, Guangzhou Medical University, Guangzhou 510620, China

Deadline for manuscript submissions

10 January 2026



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/230100

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

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





Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Engineering, Biomedical)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).