

Special Issue

Precision Medicine and Emerging Technologies for Osteoarthritis

Message from the Guest Editor

Osteoarthritis (OA) is a complex disease with no concurrent cure. However, technologies are actively being developed to improve our understanding of OA and its risk factors to help us to more effectively treat and/or prevent its development. This Special Issue of *Bioengineering* highlights some of these advances in technology and medicine. Covered areas of interest include (but are not limited to) technologies designed to:

- Better understand OA disease pathology;
- Detect early stages of its development;
- Prevent cartilage hypertrophy;
- Prevent cartilage catabolism;
- Effectively deliver drugs/precision medicine into cartilage.

Guest Editor

Dr. Chathuraka T. Jayasuriya

Department of Orthopaedics, Warren Alpert Medical School of Brown University and the Rhode Island Hospital, Providence, RI 02903, USA

Deadline for manuscript submissions

closed (25 December 2023)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/157956

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 17 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).