Special Issue

Artificial Intelligence in Biomedical Diagnosis and Prognosis: Second Edition

Message from the Guest Editor

Recently, the fields of biomedical diagnosis and prognosis are being revolutionized with artificial intelligence (AI). These fields are advancing along with the advancements of AI methodologies, especially deep learning methods for disease detection, segmentation, classification, diagnosis and even prognosis, improving their accuracy and reliability. AI methodologies are becoming pervasive in the systems of medical image analysis, computer-aided diagnosis, clinical decision support, health monitoring and even disease prognosis.

This Special Issue intends to share the novel ideas and works of researchers and technical experts in the fields of biomedical diagnosis and prognosis.

Guest Editor

Prof. Dr. Tae-Seong Kim

Department of Biomedical Engineering, College of Electronics and Information, Kyung Hee University, Yongin 17104, Korea

Deadline for manuscript submissions

closed (30 April 2025)



Bioengineering

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.3 Indexed in PubMed



mdpi.com/si/199141

Bioengineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41616837734
bioengineering@mdpi.com

mdpi.com/journal/bioengineering





Bioengineering

an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 5.3 Indexed in PubMed



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, CAPlus / 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).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.

