



Recent Advances in Healthy Aging

Guest Editors:

Dr. Arkers Wong

School of Nursing, The Hong Kong Polytechnic University, Hong Kong

Dr. Jed Montayre

School of Nursing, The Hong Kong Polytechnic University, Hong Kong

Dr. Justina Liu

School of Nursing, The Hong Kong Polytechnic University, Hong Kong

Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

Healthy ageing is a multifaceted process involving the maintenance of physical, mental, and social well-being throughout the human lifespan. Recent progress in this domain emphasizes the role of innovative technologies in promoting and sustaining health in older adults. Advanced sensing and monitoring technologies, combined with sophisticated data analysis methods, are enabling more accurate detection and prediction of age-related health issues.

Building on these advancements, this Special Issue invites original research articles that delve into the latest developments in sensing technologies, monitoring systems, and computational modeling methodologies aimed at supporting healthy ageing.

Potential topics include the following:

Advanced sensing technologies for monitoring health in older adults; Wearable or remote systems for tracking age-related health indicators.

Machine learning applications for predicting and managing age-related health conditions; IoT-based solutions for continuous health monitoring in older adults; Computer-assisted diagnostic tools for early detection of age-related health issues.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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

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.

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](#), [PMC](#), [CAPus / 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 15.6 days after submission; acceptance to publication is undertaken in 3.1 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Bioengineering Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/bioengineering
bioengineering@mdpi.com
[X@Bioeng_MDPI](https://twitter.com/Bioeng_MDPI)