

Special Issue

Innovations in Nerve Regeneration

Message from the Guest Editor

Peripheral nerve injuries and neurodegenerative conditions have long been challenging the medical community due to their complex etiology and lack of effective treatment options. As a result, researchers have been exploring novel approaches to address these debilitating conditions, focusing on the regeneration and repair of damaged nerve tissue. This Special Issue aims to highlight the recent developments in tissue engineering, drug delivery systems, and stem cell therapy that have shown promising outcomes in nerve regeneration. The use of biocompatible and biodegradable materials, such as hydrogels, nanofibers, and scaffolds, has been reported to support the growth of new nerve tissue and promote functional recovery after injury.

The Special Issue is dedicated to highlighting the ground-breaking advancements in the field of nerve regeneration, focusing on the latest technologies, methodologies, and biomaterials that have shown promising results in the treatment and management of peripheral nerve injuries and neurodegenerative diseases.

Guest Editor

Dr. Yiu Yan Leung

Oral and Maxillofacial Surgery, Faculty of Dentistry, The University of Hong Kong, Hong Kong, China

Deadline for manuscript submissions

closed (31 August 2024)



Bioengineering

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.3
Indexed in PubMed



mdpi.com/si/185540

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).