

## Special Issue

# Technological Advances in Neurorehabilitation

### Message from the Guest Editors

Advancements in technology have introduced a wealth of innovative tools for rehabilitation, clinical assessment, and assistive devices, offering new opportunities for persons with neurological conditions such as stroke or Parkinson's disease, as well as for children at risk of cerebral palsy, among others. This Special Issue is dedicated to highlighting the latest breakthroughs in these areas and promoting fresh, interdisciplinary solutions to address the ongoing challenges in neurological rehabilitation. We invite original research, including experimental studies and proof of concept papers for novel technological innovations, related to, but not restricted to, the following topics:

Advanced Assessment Techniques; Assistive and Rehabilitation Robotics; Neuro-modulation Techniques; Artificial Intelligence and Machine Learning.

We are excited to receive your contributions and look forward to fostering a dynamic exchange of ideas that will shape the future of neurological rehabilitation and assistive technologies.

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### Guest Editors

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### Deadline for manuscript submissions

31 March 2026



## Bioengineering

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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.

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### Editor-in-Chief

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