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## Special Issue on Applied Neuroscience and Neural Engineering

### Call for Papers

Applied Neuroscience and Neural Engineering is an interdisciplinary field that combines the principles and methods of neuroscience with engineering techniques to address real-world problems and applications. This field leverages the understanding of the nervous system, including the brain, spinal cord, and nerves, to develop innovative solutions in various domains such as healthcare, rehabilitation, human-machine interfaces, and artificial intelligence. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Applied Neuroscience and Neural Engineering**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Applied Neuroscience and Neural Engineering**. In this special issue, potential topics include, but are not limited to:

- Brain-Machine Interfaces (BMI)
- Neural Prostheses and Rehabilitation
- Neural Control and Modulation
- Neurodiagnostics
- Neurotherapeutics
- Neural Robotics
- Neural Information Processing
- Neural Imaging and Imaging Analysis
- Neurorehabilitation Engineering
- Neural Interface Technology
- Neural Tissue Engineering and Regeneration
- Theoretical and Computational Neuroscience

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Applied Neuroscience and Neural Engineering**” should be selected during your submission.

Special Issue timetable:



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Submission Deadline	September 29th, 2024
Publication Date	November 2024

**Guest Editor:**

For further questions or inquiries  
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