

## Special Issue

# Advances in Electronic Materials and Medical Technology: Fabrication, Wearables and Disease Applications

### Message from the Guest Editors

Recent advances in electronic materials and medical technology have enabled new possibilities in diagnosis, health monitoring, and therapy. Integrating flexible, stretchable, and biocompatible materials has led to wearable technologies interfacing with the human body. These innovations reshape medicine through non-invasive monitoring and personalized interventions. As materials science, biomedical engineering, and electronics converge, there is a need to explore novel material designs, scalable fabrication, and device architectures for biomedical applications.

- Novel electronic materials for biomedical applications
- Flexible and stretchable electronics for health monitoring
- Wearable sensors and diagnostic devices
- Biocompatible materials and biointerfaces
- Micro/nano-fabrication for medical devices
- Smart drug delivery systems
- In vivo and in vitro biomedical electronics
- AI-assisted medical sensor systems
- Energy harvesting for wearable electronics
- Integration into clinical environments

### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



## Electronics

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Impact Factor 2.6  
CiteScore 6.1



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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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