

## Special Issue

# Emerging Electronic Technologies for Biomedical Applications

### Message from the Guest Editors

Electronic devices and systems find a plethora of applications in many aspects of modern society. Among all of them, their use in medical, biological and biomedical contexts has been actively investigated and exploited during the last decades. In this multi-technology topical collection, any new works investigating the application of novel technologies with an electronic basis to biomedical contexts are welcome. From DC up to THz, including ultrasound, microwaves or even IR approaches, or combined ones, considering different approaches such as microelectronics, optoelectronics, bioelectronics, semiconductors and/or artificial intelligence, this Special Issue aims at gathering different electronic technologies and proposals to be applied in biomedical contexts. Usual applications include (but are not limited to) biomarkers sensing, medical imaging, rehabilitation devices, intraoperative navigation tools, biochemical analysis, ambient data recording, etc. This Special Issue is expected to collect new ideas, devices and approaches that address current unsolved problems and challenges related to medical equipment or biomedical devices.

### Guest Editors

Dr. Carlos G. Juan

Dr. José María Vicente-Samper

Dr. Héctor García-Martínez

Prof. Dr. José María Sabater-Navarro

### Deadline for manuscript submissions

closed (10 April 2024)



## Electronics

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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

Prof. Dr. Flavio Canavero

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