



an Open Access Journal by MDPI

Smartphone-Based Sensing and Monitoring

Guest Editors:

Dr. Giulio Rosati

Catalan Institute of Nanoscience
and Nanotechnology (ICN2),
08193 Barcelona, Spain

**Prof. Dr. Alessandro
Paccagnella**

Department of Information
Engineering, University of Padua,
35122 Padua, Italy

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

In this age of increasing demand and testing costs, Point of Care (PoC) biosensing is the only sustainable solution to the healthcare, environmental monitoring, and food chain sectors' needs. Smartphones offer a computational powered connected platform with user-friendly interfaces and standardized protocols to manage inputs/outputs and data communication. We target relevant contributions related to smartphone-based sensing and biosensing systems, with interest at all the different levels: from the physical platforms of the sensing materials and devices, to the clinical validation of the biosensors and their use, up to the big data analysis and data security aspects.



mdpi.com/si/49000

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

Department of Chemistry "Ugo Schiff", University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

Biosensors is a leading journal, devoted to fast publication of the latest achievements, technological developments and scientific research in the exciting multidisciplinary area of biosensors. Both experimental and theoretical papers are published, including all aspects of biosensor design, technology, proof of concept and application. Special issues are devoted to specific technologies and applications, and a selection of the most outstanding papers each year is recognized. Pushing the boundaries of the discipline, we invite original papers, as well as timely reviews on cutting edge fields within the subject area.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (Chemistry, Analytical) / CiteScore - Q1 (Engineering (miscellaneous))

Contact Us

Biosensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biosensors
biosensors@mdpi.com
X@Biosensors_MDPI