







an Open Access Journal by MDPI

Microfluidics for Biomedical Applications (Volume II)

Guest Editors:

Prof. Dr. Nan Xiang

School of Mechanical Engineering, Jiangsu Key Laboratory for Design and Manufacture of Micro-Nano Biomedical Instruments, Southeast University, Nanjing 211189, China

Prof. Dr. Zhonghua Ni

School of Mechanical Engineering, Southeast University, Nanjing 211189, China

Deadline for manuscript submissions:

31 August 2024

Message from the Guest Editors

This Special Issue is devoted to the most recent technical innovations and developments in the area of microfluidics, particularly for biomedical applications.

Scope of the Special Issue:

Fluid and cell manipulation via microfluidics; Novel channel invention for new applications; Fabrication methods for new functions; Microfluidics-based point-of-care testing (POCT) devices; Microfluidics for biotarget sensing and single-cell analysis; Application of microfluidics in biomedical applications.

This Special Issue aims to highlight the most recent advances of microfluidics for biomedical applications. Reviews and original research papers are welcome.













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