Special Issue

Biological Sensors Based on 3D Printing Technologies

Message from the Guest Editors

The marriage of 3D printing and biosensors represents a paradigm shift in sensor fabrication, enabling rapid prototyping, intricate geometries, and tailored designs with unparalleled precision. This Special Issue explores the convergence of 3D printing technology with biosensing applications, showcasing the transformative potential of this synergistic approach. For this Special Issue, we welcome original research papers as well as reviews on a wide range of topics, including but not limited to the following:

- Novel sensor designs and architectures enabled by 3D printing.
- Advanced materials and fabrication techniques for 3D-printed biosensors.
- Integration of 3D-printed biosensors with microfluidics and other technologies.
- Applications of 3D-printed biosensors in healthcare, environmental monitoring, food safety, and beyond.

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Deadline for manuscript submissions

closed (31 January 2026)

Biosensors

an Open Access Journal by MDPI

Impact Factor 5.6
CiteScore 12.1
Indexed in PubMed

mdpi.com/si/198093

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About the Journal

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.

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