

Special Issue

Advances in Surfaces and Interfaces and Their Applications in Electrochemical Biosensors Developed for the Diagnosis/Prognosis of Cancers

Message from the Guest Editors

We are pleased to announce a Special Issue dedicated to exploring the latest advances in surface and interface technologies for electrochemical biosensors designed for early cancer detection and prognosis. For this Special Issue, we are looking for new research and review papers that highlight the use of advanced materials, such as carbon-based and metal-based nanomaterials and all other nanoarrays, in biosensor fabrication. Despite tremendous progress, challenges remain regarding the development and application of electrochemical biosensors for cancer diagnosis. It is hoped that this Special Issue can address these challenges and indicate future research directions. The integration of point-of-care devices is one key focus area: researchers are invited to aim to increase biosensor performance, availability, and affordability. By including contributions from leading experts in the field, we hope to stimulate further innovation to develop the most effective biosensing systems for improvements in cancer management and patient outcomes.

Guest Editors

Prof. Dr. Lúcio Angnes

Dr. Hossein Heli

Dr. Masoud Negahdary

Deadline for manuscript submissions

closed (30 March 2025)



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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.

Editor-in-Chief

Prof. Dr. Giovanna Marrazza

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