

Special Issue

State-of-the-Art Biosensors in China (2nd Edition)

Message from the Guest Editors

This Special Issue entitled “State-of-the-Art Biosensors in China (Volume II)” focuses on the most recent progress and innovations in the development of biosensors in China. Researchers from scientific fields of biology, chemistry, medicine, environment, engineering, and material sciences are invited to submit original and review articles that cover the following aspects:

- The monitoring and diagnosis of various diseases in biofluids, such as cancer biomarkers, infectious diseases, and heart-related conditions.
- The identification of pollutants and contaminants in environmental/food samples, such as pesticides, antibiotic residues, and heavy metals.
- The advancement of innovative biosensors, such as colorimetry, electrochemistry, fluorescence, luminescence, surface-enhanced resonance Raman scattering (SERS), nuclear magnetic resonance (NMR), nanomaterial-based, and aptamer/antibody-based sensors.
- The development of rapid and sensitive biosensing techniques in the bioanalysis and medical fields, such as microfluidic chips, single-molecule imaging, smartphone sensing, wearable devices, point-of-care systems, and machine and deep learning.

Guest Editors

Prof. Dr. Chunyang Zhang

School of Chemistry and Chemical Engineering, Southeast University, Nanjing 211189, China

Prof. Dr. Nan Xiang

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

Deadline for manuscript submissions

closed (31 January 2026)



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Biosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biosensors@mdpi.com

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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

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

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