



an Open Access Journal by MDPI

Molecularly Imprinted Polymer Based Biosensors for Environmental, Agricultural and Food Safety Applications

Guest Editors:

Dr. Tai Ye

School of Health Science and Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

Dr. Qianjin Li

School of Food Science and Pharmaceutical Engineering, Nanjing Normal University, Nanjing 210023, China

Dr. Guohua Zhou

School of Chemistry and Chemical Engineering, Lingnan Normal University, Zhanjiang 524048, China

Message from the Guest Editors

The Special Issue aims to gather both original research papers as well as reviews on the aspect of Molecularly imprinted polymers (MIPs)-based biosensors. This includes the design and synthesis of functional MIPs, environmental analysis, and food rapid detection. Theoretical calculation and computer simulation related to the binding mechanism of MIPs is also encouraged. The development of lab-on-a-chip devices, wearable and portable/handheld MIP-based biosensors for rapid analysis in non-laboratory settings, and MIP-based bioimaging systems are of special interest. Reviews should provide an in-depth analysis of the most recent research in a specific context or discuss the current and future issues related to MIPs in the biosensing field.

Deadline for manuscript submissions:

closed (31 July 2024)



mdpi.com/si/193971

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