

Special Issue

Biosensors for Food and Agricultural Research

Message from the Guest Editors

The manuscripts in this Special Edition on Food and Agricultural Biosensors provide both an overview of the state-of-the-art for biosensing in food and agriculture and also a collection of new biosensors that aim to provide rapid diagnostics of targets relevant to the food supply chain. Manuscripts presenting comprehensive reviews for the detailed analysis of sensor performance characteristics are welcome to showcase the current trends and challenges in biosensing. Reviews of photonic and electrochemical biosensors in food safety/quality summarizing the current state-of-the-art are also appropriate. Research articles that demonstrate detection of bacteria related to food and agriculture applications (both intact bacteria and microbial DNA), plant stress/disease markers in agriculture, or present innovative new approaches for food quality/safety analysis (such as edible sensors) are welcome.

Guest Editors

Dr. Eric S. McLamore

Dr. Carmen L. Gomes

Prof. Dr. Silvana Andreescu

Deadline for manuscript submissions

closed (31 October 2020)



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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

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