

## Sensors for Food Safety

Guest Editors:

**Dr. Xiaonan Lu**

Department of Food Science, The  
University of British Columbia,  
Vancouver, BC, Canada

**Dr. Yaxi Hu**

Food Research Division, Health  
Canada, Ottawa, ON K1A 0K9,  
Canada

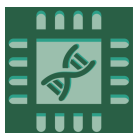
Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editors

Agri-food is a highly complicated system that challenges the determination of trace levels of chemical and microbial contaminants. Meanwhile, a large number of food commodities are transported among different countries due to globalization. These contaminants can eventually cause various human diseases. Innovative methods to rapidly and accurately detect these contaminants are therefore urgently required. Sensors can be good candidates for such determinations in a high-throughput manner. In this Special Issue, we encourage the submission of original research articles, research notes, and review articles about recent advancements in developing sensors for rapid detection of food contamination so as to improve the safety of our agri-food systems. The technology may include but not be limited to microfluidic “lab-on-a-chip”, quantum dot, surface-enhanced Raman spectroscopy, molecularly imprinted polymers, aptamers, etc.





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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biosensors](http://mdpi.com/journal/biosensors)  
[biosensors@mdpi.com](mailto:biosensors@mdpi.com)  
[X@Biosensors\\_MDPI](https://twitter.com/Biosensors_MDPI)