



*life*



an Open Access Journal by MDPI

## Recent Advances in Biosensor Technology for Detection

Guest Editor:

**Dr. Li Gao**

School of Life Sciences, Jiangsu  
University, Zhenjiang, China

Deadline for manuscript  
submissions:

**closed (11 January 2023)**

### Message from the Guest Editor

Dear Colleagues,

Biosensors are analytical devices composed of recognition elements coupled with a physical transducer, which can be very advantageous for the analysis of detection targets. They include sensors, DNA chips, electronic noses, lab-on-a-chip, and  $\mu$ -TAS. They have been applied in a wide range of analytical problems, including uses in biomedical research, medicine, drug discovery, and food processing.

The aim of this Special Issue is to highlight a novel detection using biosensor technology that can enhance the performance of these devices as well as enable their complete application in biosensing. The applications using the biosensors are developed, but not limited to, disease diagnostics, therapy monitoring, pathogen detection, and food safety. New-fangled methods and technological advances are developed for the detection of biosensors that can augment the ultimate sensitivity. The proposed topic will be devoted to high-quality research articles as well as innovative review papers that highlight recent advancements in biosensors technology for detection. We welcome and look forward to your participation in this topic.

Dr. Li Gao  
*Guest Editor*



[mdpi.com/si/109768](https://mdpi.com/si/109768)

# Special Issue



*life*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Lluís Ribas de Pouplana**

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

## Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

## 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](#), [PMC](#), [CAPlus / SciFinder](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)

## Contact Us

---

*Life* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/life](http://mdpi.com/journal/life)  
[life@mdpi.com](mailto:life@mdpi.com)  
[X@Life\\_MDPI](#)