

Special Issue

Recent Advances and Future Challenges in Biosensors

Message from the Guest Editors

The Special Issue 'Recent Advances and Future Challenges in Biosensors' aims to showcase the latest applications and hurdles in the biosensing field. Biosensors have already revolutionized several branches of applied science, ranging from personalized medicine to human performance and public health. While several areas of biosensors science have advanced tremendously in recent decades, others have faced significant hurdles and have not yet reached their full potential. Given the complexities of the biosensors and biosensing landscape, it is imperative to understand both the direct factors influencing biosensing, as well as the adjacent fields that are either the precursors or the beneficiaries of biosensors science. For this Special Issue, we invite contributions from a wide spectrum of topics related to biosensor development and their applications, with a particular focus on the following areas:

- Sensor embeddedness and application-specific scalability;
- Biosensor fusion and complementarity;
- Biosensor repurposing;
- Biosensor data processing and applications.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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