



## Biosensors Based on Organic Electrochemical Transistors

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editor

Dear Colleagues,

Organic electrochemical transistor (OECT), as an ideal multi-function device, is suitable for both biochemical and bioelectrical sensing. Since it was first proposed by Wrighton and coworkers in 1984, OECTs of different types have demonstrated superb abilities in biosensing. OECTs exhibit a unique set of advantages for various sensing applications, such as high biocompatibility, excellent signal conversion and amplification capabilities, and compatibility with complex physiological environments. In view of the upsurging progress in constructing OECT-based biosensing devices, it is our pleasure to invite you to contribute to this Special Issue focused on the recent advances, future perspectives, and challenges for the development of biosensors using OECTs.





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## Editor-in-Chief

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## 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.

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