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Field-Effect Transistor Biosensors

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Message from the Guest Editors

Dear Colleagues,

This Special Issue will be devoted to recent developments in the field of silicon field-effect transistor (FET) biosensors. We would like to invite you to participate by submitting your original articles or reviews on your research with FET sensors. Different modes of operation, such as amperometric or potentiometric, can be addressed. A special focus on devices with the capability of being integrated for biosensing applications or contaminant monitoring devices is highly appreciated. All types of detection methods, such as label-free or enzymatic based systems for the detection of various analytes including pH, ions, proteins, and DNA, are acceptable.

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Guest Editors



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Special Issue



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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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