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Two-Dimensional Layered Biosensors: Versatile Electronics

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Deadline for manuscript
submissions:

closed (31 October 2016)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Biosensors* is devoted to two-dimensional layered biosensors where versatile and novel electronic platforms are developed to harvest and to line-up with the potentials of layered sensors. We would like to invite you to participate to this issue by submitting your original research or reviews on graphene and two-dimensional electronic biosensors, including field-effect transistors, optical transistors, mechanical resonators, nanopores, and their hybrids in various forms. A particular highlight is to explore the unique electrical, optical, mechanical, and geometrical properties of graphene and two-dimensional materials for biosensing and any complementary combinations to improve even further the sensitivity and the selectivity of the devices. All types of application domains are acceptable.

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Guest Editors



mdpi.com/si/6377

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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