



sensors



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Feature Review Papers in the Biomedical Sensors Section

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Message from the Guest Editor

Dear Colleagues,

Many new concepts and designs for biomedical sensors have appeared since the development of the first successful enzyme-based glucose sensors developed in the 1980s, and these sensors are now used worldwide by diabetic patients. New biosensor areas, among others, include in vivo sensors for heart health, other in vivo sensors, devices that measure protein and nucleic acid biomarkers for diseases such as cancer and heart disease and others including blood and tissue, optical and other sensors for specific detection in single cells, as well as other areas. Microfluidic systems have also played a role, often in the preparation of test systems for measurements since, often, these new developments are slow to find their way into medical practice. Also of interest is the successful application of new sensor technologies in the clinic since new technologies often experience long delays before successful implementation to patients. This Special Issue welcomes the submission of review articles to *Sensors* describing recent advances in biomedical sensors, including recently developed devices and their applications, as well as the clinical application of these new systems.



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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