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Novel Optical Sensors for Biomedical Applications—2nd Edition

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 March 2024)

Message from the Guest Editor

Dear Colleagues,

I am pleased to invite you to submit manuscripts for a Special Issue of the journal *Sensors* on “Novel Optical Sensors for Biomedical Applications”. This Special Issue will highlight research focused on the development and use of new optical sensors for medical diagnostics, biomedical research, and related endeavors. Papers describing new optical diagnostics methods for point-of-care, field-use, and resource-limited applications are encouraged, as are those reporting novel assays, multiplex testing systems, “lab-on-a-chip” sensors, and spectroscopic methods. Both application-focused and fundamental contributions (with likely downstream applications in biomedicine) are welcome.

Topics of this special issue will include, but are not limited to:

- Optical sensing
- Point-of-care diagnostics
- Developing world diagnostics
- Integrated photonics for sensing
- Plasmonics
- Multiplex detection
- Spectroscopy
- Lab-on-a-chip devices



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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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