



Nanostructured Devices for Biochemical Sensing

Guest Editors:

Dr. Ilaria Rea

Dr. Luca De Stefano

Dr. Rosalba Moretta

Dr. Bruno Miranda

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

The superior optical, electrical, mechanical, and chemical features of nanostructured materials, make them ideal transducers for biochemical sensing, with applications spanning from healthcare to environmental monitoring.

This Special Issue aims to collect all the recent insights into nanostructured biosensors and their applications in healthcare, food quality control, and environmental monitoring. A nonexclusive list of topic areas is provided below:

- Optical/electrochemical/electric/piezoelectric nanostructured biochemical sensors;
- The design and fabrication of nanostructured transducers;
- The surface functionalization of nanostructured biochemical sensors;
- The synthesis of nanoparticles for biochemical sensing;
- Hybrid nanostructured platforms for biochemical sensing;
- Nanostructured point-of-care testing (POCT) platforms;
- Nanostructured biosensors for healthcare, food quality control, and environmental monitoring.





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Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences,
UMR CNRS 5280, Department
LSA, 5 Rue de La Doua, 69100
Villeurbanne, France

Message from the Editor-in-Chief

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Optical chemical sensors

Analytical methods

Environmental monitoring

Gas detectors

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Chemosensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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