

Special Issue

Colorimetric Sensors and Biosensors for Healthcare, Food Safety, Environmental Monitoring and Biosecurity Applications

Message from the Guest Editor

Colorimetric sensors and biosensors lend themselves to the fabrication of user-friendly formats and offer almost instant results. Adopting these formats requires in-depth understanding of the fundamental theories underpinning the tests and ingenuity in assembling safe, reliable and cost-effective sensors and biosensors that can be deployed for the determination of analytes in samples with complex matrices. We invite authors to submit research articles on colorimetric sensors and biosensors that can be used or adapted for use in non-laboratory settings. Descriptions of sensors and biosensors that are not already in usable formats but which authors can speculate on how further developments will make easy to use are also welcome.

Keywords:

- Colorimetric sensors and biosensors
- Point-of-use diagnostics
- Environmental monitoring
- Nucleic-acid-based and aptamer-based biosensors
- Antibody-based lateral flow devices
- Biosecurity

Guest Editor

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Deadline for manuscript submissions

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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