

Special Issue

Optical Techniques and Sensors for Biological and Agricultural Applications

Message from the Guest Editors

This Special Issue intends to highlight significant advancements in non-invasive optical analytic techniques and optical sensing applied to biological and agricultural research. Many biological experiments rely on the destructive analysis of samples to investigate morphology, obtain physiological measurements, or determine chemical composition. Non-invasive optical techniques make it possible to measure how these properties can change over time in the same sample, as well as to relate measured properties to future observations. We are pleased to invite you to submit manuscripts presenting original studies, new methodologies, and concepts, advancing optical imaging and sensing within biological and agricultural research fields. This Special Issue aims to advance the field and promote the application of optical techniques in order non-invasively investigate biological challenges. Topics of interest include, but are not limited to:

- optical coherence tomography
- Raman spectroscopy
- coherent Raman imaging
- microscopy
- multimodal imaging
- infrared imaging and spectroscopy

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Deadline for manuscript submissions

closed (25 April 2026)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/202667

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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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