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# Light-Based Technologies and Spectroscopic Techniques for Photo-Sensing and Photoinactivation of Microorganisms, Virus, and Cancer Cells

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## **Message from the Guest Editors**

This Special Issue will focus on the fundamentals and applications of photo-sensing and the photoinactivation of pathogenic microorganisms (bacteria, virus, fungi, etc.) and cancer cells to provide a comprehensive representation of the current research findings and technical developments in the field. Contributions focused on new materials and innovative protocols for applications in cells, animals, plants, foods, human subjects, water, environment quality control and clinical diagnosis are encouraged. This Special Issue covers, but is not limited to, the following topics: laser therapy; photodynamic therapy; photothermal therapy; photoacoustic therapy; multispectral imaging and sensing; fluorescence spectroscopy; LIF, LIBS; FTIR spectroscopy; NIR spectroscopy; Raman spectroscopy; SERS; metal enhanced fluorescence; nanoplasmonic sensor.

Deadline for manuscript submissions:

closed (1 December 2022)



