

Special Issue

Spectroscopy and Sensors for the Analysis of Microbes

Message from the Guest Editor

Human awareness and the utilization of microbes continues to increase due to the influence of microbiomes on health and the ability to use microbes for production and processing. For example, our understanding of the gut microbiome and its role in health is rapidly evolving, as is our understanding of how the soil microbiome influences soil fertility. Microbes are used to ferment foods, to achieve bioremediation, and to produce pharmaceuticals and fuels, while pathogenic microbes may cause infectious diseases. The need for technologies to characterize and count microbes and to understand microbial processes is high and has led to a wide range of spectroscopic and sensing methodologies being developed. This Special Issue will focus on spectroscopy and sensors applied to the analysis of microbes.

Guest Editor

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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.

Editor-in-Chief

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