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Optical Probes and Sensors

Guest Editor:

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Deadline for manuscript
submissions:
closed (30 April 2021)

Message from the Guest Editor

Dear Colleagues,

The field of small-molecule optical sensors and probes is burgeoning with beautifully designed molecules that can signal the presence of an analyte through changes in optical properties. Proper sensors—reversible systems that respond dynamically to variations in concentration of the analyte—and probes—that signal the maximum concentration of the analyte—are continuously developed for environmental monitoring of pollutants, for cellular imaging, and biomedical applications.

This Special Issue on Optical Sensors and Probes aims at collecting the latest and most innovative research in the field of sensing of gases and vapors, ions, small organic molecules, biologically relevant analytes, and disease markers using small-molecule colorimetric or fluorescent sensors and probes. You are invited to submit your original research papers, in the form of communications or full articles, topic or perspective reviews.

For more information, please visit: mdpi.com/si/42611.

Dr. Lorenzo Mosca
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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