



Recent Advances in Microfluidic and Optical Biosensors

Guest Editor:

Dr. Philip Measor

Department of Engineering and
Physics, Whitworth University,
Spokane, WA 99251, USA

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Message from the Guest Editor

The development of biosensors is of great importance, a fact which has been especially evident in recent years. As is well known, biosensors have interesting applications in molecular diagnostics, medical devices, food quality control, water purity control, environmental monitoring and more. One particular approach has utilized optofluidics, alongside the integration of optics and microfluidics, to provide new methods to detect biological phenomena.

This Special Issue of *Biosensors* aims to publish original high-quality research papers covering the most recent advances, as well as comprehensive reviews, in the field of optofluidic biosensors. Contributions may include experimental, theoretical, numerical, and computational research. This includes, but is not limited to, microfluidic environments interrogated by optics, manipulation of liquids for optical signal processing, integrated micro-optical systems, optofluidic–fiber systems, micro-optic/fluid interaction, optofluidic manipulation of biological specimen, optofluidic detection of biological systems, new optofluidic biosensor fabrication methods, or similar topics.





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Prof. Dr. Giovanna Marrazza

Department of Chemistry “Ugo Schiff”, University of Florence, Via della Lastruccia 3, 50019 Sesto Fiorentino, Italy

Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66
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