

Special Issue

Advanced Nanomaterial-Based Sensing in Biological Systems

Message from the Guest Editors

Nanomaterial-based sensors are being researched for use in a wide range of fields, including medical diagnostics, environmental monitoring, food safety, and biosecurity. In medical diagnostics, for example, nanomaterial-based sensors have been developed to detect cancer biomarkers, while in environmental monitoring, they have been used to detect pollutants in water and air. Overall, advanced nanomaterial-based sensing in biological systems is a very promising field that has the potential to provide highly sensitive and specific detection of biological molecules, which could lead to new and improved diagnostic tools, environmental monitoring, and other applications. This Special Issue will cover the recent advances in different types of nanomaterial-based sensor platforms and their applications in medical applications.

Guest Editors

Prof. Dr. Serhat Ünal

Prof. Dr. Adil Denizli

Dr. Yeşeren Saylan

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Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, Italy

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