

Special Issue

Nanomaterial/Composite-Based Electrochemical (Bio)Sensing Microsystem

Message from the Guest Editor

Electrochemical (bio)sensing platforms have gained significant attention due to their sensitivity, selectivity, and rapid response time. The utilization of nanomaterials and composites as electrode materials has further enhanced the capabilities of these platforms, making them more efficient and versatile for various applications, including medical diagnostics, environmental monitoring, and food safety. The high surface area of nanomaterials as electrode materials, resulting in increased sensitivity, shows high selectivity towards target analytes, and the excellent electrical conductivity of nanomaterials enables fast electron transfer, which contributes to a quicker response time in detecting analytes. The purpose of this Special Issue is to solicit original contributions and publish recent advances in nanomaterial/composite-based electrochemical (bio)sensors.

Guest Editor

Dr. Sadia Ameen

Department of Bio-Convergence Science, Jeonbuk National University, Jeongeup Campus, Jeongeup 56212, Republic of Korea

Deadline for manuscript submissions

closed (30 September 2025)



Micromachines

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Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/208790

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

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