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Nanomaterial/Composite-Based Electrochemical (Bio)Sensing Microsystem

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Sadia Ameen
Guest Editor



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Editor-in-Chief

Message from the Editor-in-Chief

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