



Advanced Nanomaterial-Based Sensors for Biomedical Applications

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Message from the Guest Editors

Advanced nanomaterials, with unique physicochemical properties that differ from those of bulk materials, are ideal hosts for many novel applications. The past decade has seen unprecedented growth in applying advanced nanomaterials in biosensing and biomedical applications. Nanomaterials such as nanoparticles, quantum dots, nanowires, nanotubes, nanoribbons, nanographene, etc. have been widely and successfully applied as nanosensors in disease diagnosis, drug delivery, medical imaging, and implants.

The aim of this Special Issue is to present high-quality original research articles, methods, opinions, perspectives, and reviews on the frontiers of nanosensors for biosensing and biomedical applications. Original, high-quality contributions from both academia and industry are welcomed. Topics may include but are not limited to:

- Magnetic, mechanical, and optical nanodevices and nanosensors for biomedical applications;
- Cytotoxicity and biocompatibility of nanomaterials and nanosensors;
- Nanomaterials such as nanowires, nanoparticles, nanotubes, nanoflakes, quantum dots, nanoribbons, and nanographene for biosensing and biomedical applications.





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Message from the Editor-in-Chief

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