



biosensors

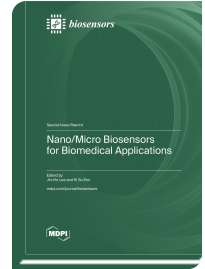


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Nano/Micro Biosensors for Biomedical Applications

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Edited by
Jin-Ho Lee
Ki Su Kim



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Recent advances in nano/microtechnologies have significantly enhanced biosensors in terms of their viability for biomedical purposes, from diagnostic to therapeutic applications, and enabled the development of effective early detection and personalized treatment modalities. Specifically, the introduction of a variety of nano/microtechnologies has offered new opportunities to improve the sensitivity, selectivity, response time, and biocompatibility of biosensors through outstanding physical, chemical, electrical and electrochemical properties. Of great interest, this Special Issue aims to highlight the most recent and promising nano/microtechnologies utilized in the development of biosensors for biomedical applications. Thus, here we cordially organize 10 original research papers and reviews aligned with these themes that present novel approaches to the development of next-generation biosensors for biomedical applications.



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