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Advanced Materials for Biosensors

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submissions:

closed (15 July 2021)

Message from the Guest Editors

Dear Colleagues,

The topic will specifically cover recent progress on the development of new synthetic approaches for the synthesis of these advanced nanomaterials for biosensing with different chemical compositions (metals, semiconductors, metal-oxides, polymers, graphene, DNA, enzymes, etc.), nanoscale dimensions and morphologies (particles, pores, wires, tubes, rods, etc.), and the characterization their sensing properties, focused on designing new biosensing devices with improved performances for emerging applications.

Prof. Stefano Bellucci

Prof. Dr. Laura Micheli

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials (JFB)* is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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