

Special Issue

Functional Nanomaterials for Biosensors and Biomedicine Application

Message from the Guest Editors

Functional nanomaterials refer to nanomaterials with diverse compositions, structures, and morphologies. Taking advantage of their unique properties of small-size effects, surface effects, and quantum-size effects, functional nanomaterials have found amazing applications in the fields of biosensing, bioimaging, and biomedicine. This Special Issue focuses on recent achievements in functional nanomaterials for biosensors and biomedicine applications. We invite original contributions, as well as review articles, related to the rational design, synthesis, and application of novel functional nanomaterials with unique properties (such as carbon dots, metal-organic frameworks, novel two-dimensional nanomaterials, etc.) in biosensors and biomedicine.

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Deadline for manuscript submissions

31 December 2025



Molecules

an Open Access Journal
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Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/201530

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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