

## Special Issue

# Novel Functional Nanomaterials: Synthesis, Characterization and Applications

### Message from the Guest Editors

Nanomaterials are materials with at least one dimension less than 100 nanometers that exhibit unique physical, chemical, and biological properties. With the rapid development of nanotechnology, novel functional nanomaterials have been developed, endowed with various functions such as optical, electrical, magnetic, and catalytic properties. Thus, novel functional nanomaterials are defined as materials that are designed at the nanoscale to serve a specific function in a wide range of applications. This Special Issue focuses on the synthesis, characterization, and applications of novel functional nanomaterials. Which aim to present cutting-edge research in the field of nanoscience and nanotechnology and to highlight potential applications of these novel materials.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2025)



## Molecules

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As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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