

## Special Issue

# Synthesis, Characterization, and Applications of Functional Nanoparticles

### Message from the Guest Editor

The Special Issue is dedicated to recent progress in the field of functionalized nanoparticles promising new interesting properties, development of new functional materials, new diagnostic tools and new nanodevices. In particular, nanoparticles with special surface functions, special electrical, magnetic and optical properties as well as composed nanoparticles are of interest for new developments in nanotechnology, as well as in understanding physical, chemical and biomolecular interaction at the nanoscale. Reports and reviews on the synthesis of such new nanomaterials, characterization studies and investigations leading to new applications of functional nanoparticles are welcome.

### Guest Editor

Prof. Dr. Johann Michael Köhler

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### Deadline for manuscript submissions

closed (20 June 2025)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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