

## Special Issue

# Synthesis and Characterization of Nanoparticles Volume II: Organic Aspects

### Message from the Guest Editors

This Special Issue will be to point out the progresses on the organic-based nanoparticles from the experimental point of view as well as from the theoretical one, including computational aspects and modeling. Potential topics therefore include (but are not limited to):

- Structural characterizations
- Magnetic behavior
- Core-shell organic nanostructures
- Computational structure optimization
- structure-properties relationships
- New applications
- New Methods for synthesis and characterization of nanoparticles
- Emerging field of organic nanoparticles
- Surface functionalization
- Hybrid nanoparticles
- Properties of interfaces between different materials
- Drug and gene delivery
- Organic Nanocompartments for biomedical applications
- Inter-molecular self-assembly
- Soft nanoparticles
- Dendrimers

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Applied Sciences

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## About the Journal

### 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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