

## Special Issue

# 10th Anniversary of the "Nanotechnology and Applied Nanosciences" Section—from Composed Nanoparticles to Functional Nanoarchitectures

### Message from the Guest Editor

In recent decades, nanotechnology has undergone tremendous development. Three areas have made particularly significant contributions to this progress: the development of nanostructured devices, the creation of new nanomaterials, and molecular nanotechnology. Despite numerous advances, there is still a lack of powerful concepts that effectively connect these three lines of development. An essential prerequisite for such a bridge is overcoming the boundary between device and material. This requires, in particular, the synthesis of complex nanoparticles and the integration of sensory and actuating functions into these particles. This planned Special Issue aims to bring together current and forward-looking developments in this field.

Keywords

- nanoparticles
- nanomaterials
- hierarchical construction
- nano architectures
- modular nanotechnology
- nanoassembling
- nanosensors
- nanoactuators

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### Guest Editor

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### Deadline for manuscript submissions

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## 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

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