

## Special Issue

# Protein Nanotechnology: Approaches to Generating Useful Materials from Peptides and Proteins

### Message from the Guest Editor

Recent advances in the field of materials science, especially those related to the proteins and peptides, have resulted in the generation of new biomedical applications and witnessed tremendous progress in the last decade. It is also established that the primary interactions of biological entities (e.g., blood tissue) with nanoparticles (NPs) are a strong influence of the proteins present in the corona. This combination of materials and proteins was intended to deliver nanostructures to the body and beneficially improve the efficacy of the materials. Furthermore, while the optimal effects in the quality of the results have not been seen by the nanomaterials itself, it may be profitable to assist the materials by employing the proteins or peptides. Proteins nanotechnology as a fast-emerging, interdisciplinary field offers prospects to design and develop nanomaterials to target, diagnose, and treat diseases such as cancers.

### Guest Editor

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### Deadline for manuscript submissions

closed (12 July 2019)



## Nanomaterials

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## About the Journal

### Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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### Editor-in-Chief

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