

## Special Issue

# Peptide Nano-Chemistry and Nanotechnology: Materials Synthesis, Properties, and Applications

### Message from the Guest Editor

Peptides have been widely used for materials science, nanotechnology, analytical science, biomedicine, tissue engineering, and other fields due to their high biocompatibility, high bioactivity, tailored sequences/functions, flexible self-assembly ability, and biomimetic properties. Although a lot of studies have been done in this promising research field, it is still necessary and important to conduct further investigations on the nanochemistry and nanotechnology related to peptides. The corresponding collections may be focused on these topics: (i) modification/functionalization of nanomaterials and surfaces with peptides for various applications, (ii) novel nanomaterials via the self-assembly of peptides with unique chemical, physical, and biological properties, (iii) synthesis and applications of peptide-based hybrid nanomaterials, and (iv) fabrication of peptide nanomaterial-based devices for advanced applications. Therefore, in this Special Issue, we would like to gather contributions from you on these topics (but not limited to them). Both original research and review papers are welcome.

### Guest Editor

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### Deadline for manuscript submissions

closed (10 January 2023)



## Materials

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### Message from the Editor-in-Chief

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