

## Special Issue

# Novel Bioinspired Materials for Biomedical and Biotechnological Applications

### Message from the Guest Editor

Nature is a practically inexhaustible source of inspiration for the design of synthetic materials. Hence, “bio-inspired materials” is a practically limitless field. In this Special Issue, we will focus on applications in medicine and biotechnology, where materials interact with biological systems, tissues, cells, and microorganisms to invoke the required response in a specific application. For example, we usually do not need microorganism growth in medicine, but we often need it in biotechnology. Characteristics of bio-inspired materials which are relevant for their performance may include, but are not limited to, topographical, chemical, mechanical, and electrical properties. Due to the wide scope of bio-inspired materials, contributions relating to biomaterials, tissue engineering, and biomimetics are also welcome.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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