

Special Issue

Engineering of Bioinspired Nanomaterials for Regenerative Medicine

Message from the Guest Editor

The promising clinical potential of bioinspired nanomaterials has galvanized researchers to investigate applications for regenerative medicine. Bioinspired nanomaterials have been developed as novel biotherapeutics promoting tissue regeneration. Various cell sources including stem cells, lymphocytes, macrophages, red blood cells, and other types of somatic cells have been suggested for the fabrication of bioinspired nanomaterials. Additionally, various engineering approaches such as preconditioning, drug loading, and surface modification can be applied to potentiate the therapeutic outcomes of bioinspired nanomaterials.

In this Special Issue, we invite authors to report and highlight engineering techniques for the fabrication or the functionalization of bioinspired nanomaterials and their applications in the scope of tissue regeneration. Reports on their use in other medical applications (e.g., cancer treatment) are also welcome. We kindly invite the submission of original research and reviews for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2024)



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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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