

## Special Issue

# Spinal Cord Injury: From Mechanisms to Nanotherapeutic Approaches

### Message from the Guest Editor

Spinal cord injury (SCI) remains the most relevant degenerative condition of the spinal cord, and the secondary injury, following the primary trauma, is the most therapeutic target. Advancement in nanomaterials as potential therapeutic solutions for medical application has been demonstrated to be promising for SCI. Many studies have applied nanostructured material to support cell therapy or deliver compounds in a selective way in single cells after SCI. Although these approaches are widely used in SCI, the real potential effect has not been fully elucidated. This Special Issue aims to focus on the application of the more innovative biomaterials and will provide an overview of new nanostructure-based therapeutic approaches that are able to treat secondary injury after trauma.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2023)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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