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## The Interaction of Biomedical Nanoparticles with the Immune System

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Deadline for manuscript submissions:

**closed (31 August 2021)**

### Message from the Guest Editors

Nanomedicine has been opening a new avenue of research in cancer therapy, drug delivery, and immune regulation. Nevertheless, the use of nanoparticles is a double-edge sword. While the benefits of nanotechnology to human civilization are seemingly immeasurable, these particles can also lead to harmful effects to human health. In vivo studies have been showing that when nanoparticles enter the human body, they are immediately confronted with the innate immune system, activating cellular mechanisms involved in the inflammatory process. Thus, further research is needed to establish the extent of such inflammatory response and safe exposure levels to nanoparticles.

The present Special Issue is devoted to gathering the current understanding of the interaction of nanoparticles with the immune system, through original research articles on the inflammatory response to nanomaterials and critical review articles that scrutinize the current knowledge in this area, providing an expert platform of discussion.



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# Special Issue



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