

## Special Issue

# The Interaction of Biomedical Nanoparticles with the Immune System

### 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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### Guest Editors

Dr. Marisa Freitas  
Prof. Dr. Francesca Granucci  
Dr. Daniela Ribeiro

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### Deadline for manuscript submissions

closed (31 August 2021)



## Cells

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## About the Journal

### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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### Editors-in-Chief

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