



## Nanoparticles for Biomedical Application

Guest Editor:

### Dr. Ana Figueiras

1. Galenic and Pharmaceutical Technology Laboratory, Faculty of Pharmacy, University of Coimbra, 3000-548 Coimbra, Portugal

2. LAQV-REQUIMTE, Galenic and Pharmaceutical Technology Laboratory, Faculty of Pharmacy, University of Coimbra, 3000-548 Coimbra, Portugal

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### Message from the Guest Editor

For the past three decades, the rapid development of nanotechnology has resulted in the growing implementation of nanoparticles (NP) in the field of biomedicine as vehicles for drug delivery, diagnostic imaging, and theranostic application. Clinically approved and investigational nano-based drug formulations have been applied to a variety of indications, such as cancer, infectious diseases, neurodegenerative disorders, or tissue engineering. Although most of the NP drug delivery systems are well characterized in vitro and exhibit improved therapeutic efficacy when compared to classical treatment with the free drug, in vivo clinical effects are not always encouraging and are often incomplete or are lacking altogether. It is, therefore, of paramount importance to systemize and present the latest developments in the field of NP in biomedical application.

In this Special Issue Nanoparticles for Biomedical Applications, including in vitro and in vivo studies, are highlighted and discussed. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.





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## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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