



Polymer Biomaterials for Immune System Modulation

Guest Editors:

Dr. Giuseppe Bardi

Nanobiointeractions &
Nanodiagnosics, Istituto Italiano
di Tecnologia, Via Morego 30,
16163 Genova, Italy

Prof. Nicola Tirelli

Istituto Italiano di Tecnologia,
Genoa, Italy

Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editors

This Special Issue will welcome contributions ranging from materials design and processing (synthesis, functionalization, size control, microfluidics), through in vitro studies (new in vitro models, multicellular, 3D, microfluidics), to in vivo administration (pharmacokinetics, therapeutic outcomes), and will specifically focus on the immunological issues that accompany the use of (nano)materials and how the latter can influence them. This will include, but will not be limited to, studies aiming at dendritic cell targeting and vaccine development, topical and systemic anti-inflammatory therapies, cancer immunity applications, wound healing and angiogenetic processes.

Keywords

- Polymers
- Nanoparticles
- Microparticles
- Matrices
- Precision medicine
- Regenerative medicine
- Drug delivery
- Immune system
- Inflammation
- Drug conjugates





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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MDPI, Grosspeteranlage 5
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