Journal of
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Tumor Microenvironment Regulation and Antitumor Therapy Based on Nanoparticles

Guest Editor:

Dr. Lianyan Wang
Key Laboratory of Green Process and Engineering, State Key Laboratory of Biochemical Engineering, Institute of Process Engineering, Chinese Academy of Sciences, Beijing, China

Deadline for manuscript submissions:
closed (20 November 2022)

Message from the Guest Editor

The microenvironment plays an important role in tumorigenesis and development. Nanotechnology holds great promise for improving antitumor efficacy of therapy, especially immunotherapy, through regulating the microenvironment. Nanomaterials can be used as multifunctional platforms to complement various immunotherapies of cancer.

This Special Issue on "Tumor Microenvironment Regulation and Antitumor Therapy Based on Nanoparticles" seeks high-quality work focusing on the latest advances of nanotechnology applied in cancer therapy. Topics include but are not limited to:

The development of new nanomaterials for cancer therapy;
The development of nanocarriers for personalized and precision medicine;
The design of lipid/polymer/hybrid nanocarriers targeting for cancer therapy;
The design of new macromolecules and derivatives for cancer therapy;
Investigations of alternative therapeutic strategies involving nanocarriers for cancer therapy;
Investigations on the translational aspects and scale-up of nanocarriers for cancer therapy.

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Editor-in-Chief

Prof. Dr. Pankaj Vadgama
School of Engineering and Materials Science, Queen Mary University of London, London, UK

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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Journal of Functional Biomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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