Special Issue

Nanomaterial for Cancer Diagnosis and Therapy

Message from the Guest Editor

The global coronavirus disease 2019 (COVID-19) pandemic has substantially impacted our daily lives. Concomitantly, in the battle against this microorganism, we have profoundly realized the unparalleled importance of nanotechnology. The use of mRNA vaccines to prevent viral infection has demonstrated worldwide effectiveness. The development of nanotechnology in the past few decades, especially nanodelivery systems, indeed affords the possibility of this revolutionized technique to be applied in different fields. In addition to the great success in vaccination, another promising and exciting area for nanotechnology is in the diagnosis and treatment of cancers, which remains the most challenging disease that human beings confront.

This Special Issue aims to present innovative, high-quality original research articles, mini review articles, and perspective articles on the synthesis, structure, physicochemical properties, and biological activity of nanomaterials with regard to cancer diagnosis and therapy.

Guest Editor

Dr. Kuan Hu

Department of Advanced Nuclear Medicine Sciences, The National Institute of Radiological Sciences, The National Institutes for Quantum and Radiological Science and Technology, Chiba, Japan

Deadline for manuscript submissions

closed (20 December 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/110552

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)