Special Issue

Development and Applications of Nanomaterials for Novel Cancer Therapies

Message from the Guest Editors

The past several decades have witnessed the development and applications of nanomaterials in medicine. Particularly, nanomaterials for cancer therapies have been emerging and have received considerable attention in recent years. As the core of cancer nanotechnology, nanoplatform design and application are interdisciplinary in nature, encompassing the research areas of biology, chemistry, engineering, and medicine. Nanomaterials can be designed to have specific optical, physicochemical, biological, and pharmaceutical properties; they can be used in phototherapy, chemotherapy, immunotherapy, and in combination therapy. Nanomaterials mark a significant step forward in novel cancer therapies and show great potential in clinical applications. The opportunities and challenges to overcome malignant cancers drive the development of nanotechnology-based novel cancer therapies. This Special Issue will focus on the development and applications of nanomaterials for novel cancer therapies. Welcome in this Special Issue are regular research articles, regular or mini reviews, case reports, and technical reports.

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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.

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