Special Issue

Organic Compounds and Nanoparticles Studies for Applications in Cancer and Tuberculosis Therapeutics

Message from the Guest Editors

Cancers are among the leading causes of death worldwide, with 18 million new cases and almost 10 million cancer-related deaths in 2020. A huge therapeutic problem is the toxicity of clinically used therapeutics and the resistance of cancer cells to the treatment used. Tuberculosis is also very dangerous disease, resulting in large number of patients and deaths. Approximately one third of the world population is infected with *Mycobarcterium tuberculosis*. Each year about 9 million people become ill and almost 4 million die. The problem concerns not only the poor countries, which cannot afford the long and expensive treatment. The spreading of the disease is observed also in the developed countries due to appearance of the multidrug-resistant (MDR-TB) and extremely drug-resistant (XDR) strains of the bacteria. This special edition aims to bring together original works on the design, synthesis and potential of organic compounds and nanoparticles for their use as cancer and tuberculosis therapeutics. Full articles, short announcements and reviews are welcome.

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2023)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/119918

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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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