



## Cancer Treatment via Nanotherapy

Guest Editor:

### **Prof. Dr. Lisheng Wang**

Department of Biochemistry,  
Microbiology and Immunology  
Faculty of Medicine, University of  
Ottawa, Ottawa, ON K1H 8M5,  
Canada

Deadline for manuscript  
submissions:

**closed (15 December 2022)**

### **Message from the Guest Editor**

Nanomedicine holds great potential in the delivery of anti-cancer drugs/nucleotides/proteins, specific targeting, assessment of treatment responses, and cancer immunotherapy. A wide range of nanomaterials based on organic, inorganic, lipid, glycan compounds, synthetic polymers, and molecularly imprinted polymers have been used for the development of new cancer therapeutics. Considerable nanoparticle platforms have been developed towards clinical application. Nanomedicine has become one of the main driving forces in the field, seeking to change the landscape of cancer research, advance cancer treatment, and potentially improve patient outcomes.

This Special Issue welcomes contributions devoted to the design, characterization, and application of novel nanomedicine in the delivery of anti-cancer drugs/nucleotides/proteins, specific targeting, evaluation of therapeutic responses, and cancer immunotherapy.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Shirley Chiang**

Department of Physics, University  
of California Davis, One Shields  
Avenue, Davis, CA 95616-5270,  
USA

## Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

## 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](#), [CAPus / SciFinder](#), [Inspecc](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (*Physics, Applied*) / CiteScore - Q1 (*General Chemical Engineering*)

## Contact Us

*Nanomaterials* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/nanomaterials](http://mdpi.com/journal/nanomaterials)  
[nanomaterials@mdpi.com](mailto:nanomaterials@mdpi.com)  
[X@nano\\_mdpi](#)