

## Special Issue

# Trends and Prospects in Nanoparticle-Based Drug Delivery for Cancer Therapy

### Message from the Guest Editors

Nanotechnology has attracted much research attention over the past few years because of its outstanding properties, and nanoparticles have emerged as a promising strategy for drug delivery systems. These nanosystems can for instance improve drug bioavailability, reduce drug release time, enhance drug solubility, and eliminate drug aggregation, thus possessing the potential to minimize side-effects and improve the efficacy of drug therapies. This Special Issue will highlight the latest research on nanoparticle drug delivery systems, and we invite you to provide novel evidence and summarize recent advances, trends, and future directions related to nanoparticle-based drug delivery systems, focusing on therapeutic applications.

---

### Guest Editors

Dr. Iwona Rzeszutek

Prof. Dr. Roger Narayan

Prof. Dr. Chang Ming Charlie Ma

---

### Deadline for manuscript submissions

30 October 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/236032](https://mdpi.com/si/236032)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )