

Special Issue

Pharmaceutical Applications of Metal Nanoparticles

Message from the Guest Editor

This Special Issue explores the transformative role of metal nanoparticles, such as gold, silver, iron oxide, and copper, in modern medicine. As nanotechnology moves from bench to bedside, this Special Issue aims to bridge the gap between nanoscience and clinical pharmacology. We welcome original research articles and comprehensive reviews on topics which include, but are not limited to, the following:

- Targeted Drug and Gene Delivery: Utilizing nanoparticles as vectors to improve the therapeutic index of oncological, antimicrobial, and anti-inflammatory agents.
- Theranostics: Integrated systems that combine diagnostic imaging (e.g., MRI contrast, SERS, or photoacoustic imaging) with immediate therapy.
- Antimicrobial Resistance: Developing silver and copper nanoparticles as alternative treatments for multidrug-resistant pathogens.
- Biophysical Interactions: Studies on pharmacokinetics, biodistribution, and long-term nanotoxicity to ensure clinical safety.

Guest Editor

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Deadline for manuscript submissions

25 July 2026



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/269895

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

Pharmaceuticals is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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