

Special Issue

Application of Silver Nanoparticles in Cancer Treatment

Message from the Guest Editors

Despite the enormous progress made in recent years in terms of research and therapies, cancer continues to be one of the most insidious challenges of modern medicine. Features such as multidrug resistance, recurrence, migration, invasion, and the ability to evade the host's immune system are among the main causes that make the majority of conventional treatments ineffective. To deal with these problems, innovative therapeutic methods have been developed, such as immunotherapy, gene therapy, and the use of metal nanoparticles. Among metal nanoparticles, silver nanoparticles (SNs) are attracting a lot of interest thanks to their anticancer properties, the ability to enhance the efficacy of treatments such as radiotherapy or phototherapy, and the possibility of being used in combination with other nanoparticles. Furthermore, properties such as plasmon resonance make SNs interesting diagnostic tools.

This Special Issue aims to highlight and collect research articles and reviews focused on the use of silver nanoparticles for the treatment and diagnosis of cancer.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2026)



Pharmaceutics

an Open Access Journal
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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/201608

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