

Special Issue

Therapeutic Potential of Silver Nanoparticles (AgNPs)

Message from the Guest Editor

Silver nanoparticles (AgNPs) are now emerging as multifaceted therapeutic agents capable of being used to address a wide range of diseases. AgNPs exhibit size- and shape-dependent properties, allowing them to be tailored for specific applications. Their high surface-area-to-volume ratio and active surface enable precise control over surface charge and functionalization, further expanding their utility. Additionally, AgNPs possess localized surface plasmonic resonance, which holds promise for photo-assisted therapies.

AgNPs can be synthesized through various methods, with chemical reduction synthesis being the most commonly used. However, the utilization of biological methods and the adoption of green chemistry approaches are on the rise, aligning with sustainability objectives.

This Special Issue aims to showcase the latest advancements in the utilization of AgNPs for therapeutic purposes, ranging from traditional antibacterial applications to innovative uses.

Guest Editor

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

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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