

Special Issue

Functionalized Metal Nanoparticles in Cancer Therapy

Message from the Guest Editors

Functionalized metal nanoparticles (FMNPs) have emerged as a powerful tool in cancer treatment, offering unique properties such as enhanced surface reactivity, tunable size, and the ability to be functionalized with targeting ligands, drugs, and imaging agents. These nanoparticles, including gold, platinum, silver, iron oxide, and other metals, have shown promise in applications such as targeted drug delivery, photothermal therapy, imaging, and combination therapies. Functionalization strategies have enhanced their specificity to tumor cells, reduced off-target effects, and enabled precision medicine approaches in oncology. This Special Issue aims to explore the latest advancements in the design, functionalization, and application of metal nanoparticles in cancer therapy. Submissions addressing topics such as delivery methods, surface modification techniques, biocompatibility, in vivo pharmacokinetics, and clinical translation are particularly welcome. In this Special Issue, original research articles and reviews are welcome. We look forward to receiving your contributions.

Guest Editors

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