



nanomaterials



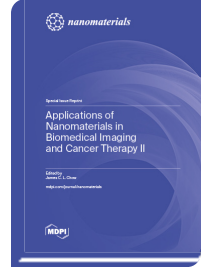
Special Issue Reprint

Applications of Nanomaterials in Biomedical Imaging and Cancer Therapy II

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"Application of Nanomaterials in Biomedical Imaging and Cancer Therapy II" presents the latest research on the use of nanotechnology in cancer diagnosis and treatment. This second edition builds on the foundational work of the first, offering cutting-edge insights into how nanomaterials are enhancing both imaging and therapeutic strategies in oncology. Key topics include nanoparticle-based drug delivery systems, advanced imaging modalities, radiotherapy dose enhancement, and overcoming biological barriers in cancer treatment.

The reprint addresses current challenges in the field, such as ensuring biocompatibility, stability, and safety, while focusing on the clinical translation of these innovative technologies. Through detailed studies and reviews, this volume serves as a comprehensive resource for researchers, clinicians, and students interested in the transformative potential of nanotechnology in personalized cancer care.



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