

Special Issue

Advancements in Novel Nanomaterials for Cancer Therapy and Diagnosis

Message from the Guest Editors

Nanotechnology is a relatively new field with the potential to create new technology for more accurate and efficient cancer treatment and diagnosis. Nanotechnology deals with developing nanomaterials with a high surface area-to-volume ratio and possessing unique optical, magnetic, and electrical properties. Nanotechnology utilizes a wide array of materials ranging from biological to synthetic origins, to fabricate tiny particles, which have excellent abilities in terms of physicochemical properties and is widely being studied to illustrate their biological interactions. Multiple approaches have been studied, including size-based efficiency and surface property-mediated proficiency and so on, examined to control the progression of cancer effectively. Nanotechnology-derived immunotherapy depicts an exceptional ability in suppressing cancer development; however, there is a long way to go to attain side-effect-free effective nanotoxic materials for the treatment of diverse cancer diseases. The goal of this Special Issue is to document developments in nanomaterials for cancer therapy and diagnosis.

Guest Editors

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