

Special Issue

Application of Nanotechnology in Cancer Treatment

Message from the Guest Editor

Nanoparticles have garnered tremendous attention in recent decades owing to their unique physico-chemical and biological properties. Their structure–activity variation, ease of manufacturing, scaling up and chemical versatility make them ideal candidates for delivering small molecular drugs, proteins, nucleic acids or genes to target areas. As cancer continues to grip the world and small molecule FDA-cleared drugs come with a fair amount of side effects, scientists have presented the use of nanomaterials for targeted cancer therapy and personalized medicine whereby the therapeutic efficiency of the drug is enhanced without compromising its biochemical activity while simultaneously lowering undesirable side effects that are observed with chemo and radiotherapy. In this issue, we invite original research articles in the field of nanomaterials being used as therapeutic agents for cancer therapy.

Guest Editor

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Deadline for manuscript submissions

closed (29 February 2024)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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