# Special Issue

## Implication of Nanoparticles in Cancer Therapy Research

### Message from the Guest Editors

Clinically employed classical cancer therapies can cause unselective damage to healthy tissue. A growing body of research used nanotechnology to find strategies to overcome this disadvantage. Current research is focused on developing innovative therapies based on novel nanoparticles that enhance the therapeutic effect of chemotherapy and radiotherapy in order toreduce toxicity. Thypical nanoparticles possess a wide range of physicochemical and biological properties including nanorange size, a large surface area to volume ratio, specific structural properties, the ability to carry specific agents on their surface, the capacity to form stable interactions with ligands, the ability to overcome cellular or tissue barriers and to circulate in the blood for a long time, enhanced electrical conductivity, superparamagnetic behavior, the energy absorbtion, unique fluorescence properties.

In this Special Issue, we expect contributions from a broad community of scientists working on developing new strategies based on nanoparticles to improve cancer chemotherapy/radiotherapy.

### Guest Editors

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### Deadline for manuscript submissions

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### Editor-in-Chief

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