

## **19th Nano Congress for Next Generation**

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## Magnetic hyperthermia: the considerable thesis for cancer

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In the present article, overview of the implementation of nanotechnology in cancer treatment, using magnetic hyperthermia is presented. The revolution of human lifestyle has led to new diseases. There are still many diseases in this world which can't be diagnosed and have a cure for it. Cancer is one of them, and still it remains an unsolved mystery. The survival percentage of cancer patients is 35%. But the revolution of latest technology promises to fight cancer. Due to harmful secondary effects of radiotherapy, magnetic hyperthermia proves to be an accurate solution for cancer. Chemotherapy is being used for over a decade, and now it can be replaced by magnetic hyperthermia. Thus, nanotechnology acts as an effective weapon in this new era to fight the cancer disease.

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