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Imaging and Medication Delivery Using Nanotechnology

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Abstract: Exploiting the special characteristics of accoutrements at the nanoscale is known as nanotechnology. Due of the advanced quality and smarter goods that nanotechnology offers, it has getting more popular across a variety of diligence. Nanomedicine is the use of nanotechnology in healthcare and drug, and it has been utilised to treat some of the most wide ails, similar as cancer and cardiovascular conditions. An overview of recent developments in nanotechnology in the areas of imaging and drug delivery is given in the current composition.

Keywords: Nanotechnology, Drug, Imaging, Delivery.

REFERENCES

- Drexler KE: Nanosystems: Molecular Machinery, Manufacturing, and Computation. John Wiley & Sons, New York, NY, 1989.
- [2]. Drexler KE: Engines of Creation: The Coming Era of Nanotechnology. Anchor Books, Doubleday, 1986.
- [3]. Belkin A, Hubler A and Bezryadin A: Self-assembled wiggling nano-structures and the principle of maximum entropy production. Sci Rep. 5(8323)2015.PubMed/NCBI View Article : Google Scholar
- [4]. Buzea C, Pacheco II and Robbie K: Nanomaterials and nanoparticles: Sources and toxicity. Biointerphases. 2:MR17–MR71. 2007.PubMed/NCBI View Article : Google Scholar
- [5]. Kroto HW, Heath O Jr, O'Brien SC, Curl RF and Smalley RE: Buckminsterfullerene. This Week's Citation Classic. Nature. 318:162–163. 1985.