

Use of Nanosensors in Detection and Treatment of HIV

Authors : Sayed Obeidullah Abrar

Abstract : Nanosensor is the combination of two terms nanoparticles and sensors. These are chemical or physical sensor constructed using nanoscale components, usually microscopic or submicroscopic in size. These sensors are very sensitive and can detect single virus particle or even very low concentrations of substances that could be potentially harmful. Nanosensors have a large scope of research especially in the field of medical sciences, military applications, pharmaceuticals etc.

Keywords : HIV/AIDS, nanosensors, DNA, RNA

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