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Nano biotechnology and personalized medicine

The future drug market will be more towards personalized medicine. This requires manipulation of the medicine characteristics at nanoscale to determine its fate in biological system. This has given birth to the field of Nano biotechnology. This talk highlights the definition and scope of personalized medicine and describes how various Nano biotechnologies can contribute to its development. Some of the recent developments in this field will also be discussed.

Speaker Biography

Aliasgar Shahiwala is currently serving as a professor in the department of pharmaceuticals and program director-postgraduate studies at Dubai

Pharmacy College for girls. Prof. Shahiwala received his masters and a doctorate in pharmaceuticals and pharmaceutical technology from the maharaja Sayajirao University of Baroda, India with high research output in the area of novel drug delivery. His postdoctoral research at north-eastern university, USA was specifically focused on applications of nanotechnology in the field of drug delivery and drug targeting. Prof. Shahiwala published several international publications in high-impact peer-reviewed journals, book chapters and filed 2 patents. He is also an editor of five books with internationally renowned publishers.

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