



Nanomedicine and Advanced Drug Delivery

Mohammed Wasfy *

Department of Cardiology, Egypt

Drugs are used to improve health and extend lives. The applications of drug delivery have modified considerably within the past few years and even additional changes can occur in the future. Many new modes of drug delivery are developed to improve drug delivery..

[Drug delivery systems](#) guarantee targeted delivery and/or controlled release of therapeutic agents. They manage the speed at that a drug is released into the body. Some systems can control both. [Nanoparticles](#) have the ability compensate the needs of the delivery systems, like conversion into an aerosol, solidity against forces produced during aerosolization, biocompatibility, directing at specific sites, drug release and half-life nanoscale drug delivery comprising of nanoparticles, nanoliposomes, dendrimers, fullerenes, nanopores, nanotubes, nanoshells, quantum dots, nanocapsule, nanosphere, nanovaccines, nanocrystals etc. are believed to have potentials to revolutionize drug delivery systems. Additionally nanomaterials like chips, nano artificial intelligence, and magnetic nanoparticles connected to specific protein, nanosize empty virus capsids and magnetic bioassay square measure new dimensions of their use in drug delivery. Thus nanomaterials may be used for strategic development of new drug delivery systems and reformulating existing medicines to boost the effectiveness, patent protection, patient-compliance, safety of medications and decreasing the cost of health care.

[Novel drug delivery techniques](#) are going to be discussed in the 14th International conference on [Nanomedicine](#) and Advanced Drug Delivery which is going to be held during May 11-12, 2020, Vienna, Austria with the theme **“Innovative advancements in the field of Nanomedicine and Drug Delivery”** under the Organizing Committee Members. We are very delightful in hosting this conference and it is going to be a successful one with the help of all the participants.

The Nano Drug Delivery 2020 event aims to elucidate the innovative advancements in the fields of Nanomedicine and Drug Delivery. The conference serves as a platform to bring the expertized and experienced professionals from all over the world to a single platform which would be knowledgeable and worth seeing. Various novel approaches in veterinary drug delivery ” are going to be illustrated by Stoycho Dimitrov Steov, Trakia in the 14th inaugural of Nano Drug Delivery conference scheduled for May 11-12, 2020 in Vienna, Austria.

Reasons to attend the conference:

- Think in a logical way about how to develop the right formulation and delivery strategy with a strong clinical, scientific, and commercial mind set.
- Discover the recent innovations in drug delivery devices.
- Get inspired by innovative case studies and realise the potential impact of Nano pharmaceuticals and drug delivery on your formulation or delivery processes.
- Occupy yourself in the exciting event format, with multiple conference tracks, round tables, panel discussions, symposiums, and speed networking.
- Share insights, experiences, and strategies in the interactive sessions or among the peers.
- Hear wide perspectives at one place given by the speakers belonging to various institutions, fields, organisations and companies..

