



Advanced Nanotechnology in Drug Delivery

Guest Editor:

Prof. Dr. Pierre P.D. Kondiah

1. WADDP Research Unit,
Department of Pharmacy and
Pharmacology, and Wits Business
School, Wits University,
Johannesburg 2193, South Africa
2. Pearson College London
Alumni, London, UK

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will entail advanced nanotechnological research, in relation to drug delivery technologies. Nano-systems investigated, will comprise of physical or chemical crosslinking of natural or synthetic polymers in drug delivery systems, with significant capacity to retain its loaded drug or biomolecule, without dissolving immediately, due to the presence of hydrophilic or amphiphilic molecular chains. Nano-systems which corresponds with the fluid-like transport characteristics of physiologically active compounds that are significantly lower than its pore size, including stimuli-responsive drug delivery and polymeric systems, have great potential for application in controlling the delivery. This is due to their size, tuneability and biocompatibility. The issue will also look at how drug delivery and nanotechnologies, have progressed with new equipment for synthesis and analysis, to date, allowing greater insight into imaging, physical characterizations, and its chemical analysis.





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

Message from the Editor-in-Chief

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Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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