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Educational Qualification: M. Pharm

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Research Abstract:

Nanoscale particles and molecules are a potential alternative for treatment of disease since they have unique biologic effects based on their structures and size, which differ from small molecule drugs. The present study focuses on comparison of Carbon Nano Tubes complexed with silver nanoparticles (AgNPs) and Dendrimers (nonviral vector system) for selected oligonucleotide is proposed. CNT/Dendrimers possess strong intrinsic cytotoxic and antitumor activity to target DNA/RNA in an attempt to overcome the limitations of conventional therapy, to treat prostate cancer. Therefore mentioned proposal is hypothesized as non-viral vector system for peptides, antigens and genes.

Awards & Scholarships

- Tamilnadu Pharmaceutical Sciences Welfare Trust has been awarded SECOND RANK in the M.PHARM Project for the academic year 2016-2017
- Poster Presentation: The scientific paper entitled DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR THE ESTIMATION OF AND ITS TABLET FORMULATION
- Preparation and evaluation of nanoparticles containing Imatinib mesylate and the complex of Imatinib mesylate cobalt(II)chloride. The work has published by Indian Patent Journal. Patent No:201741025589