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(54) Title of the invention : A NOVEL PROTEIN-BASED NANO PARTICLES COMPRISING CATIONIC-LIPID FOR DRUG DELIVERY SYSTEM

<p>(51) International classification :A61K0009510000, A61K0038000000, A61K0009000000, B82Y0040000000, A61K0008440000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)SINGH, Varsha Address of Applicant :Centre for Life Sciences, Chitkara University Research and Innovation Network, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SINGH, Vinamrita Address of Applicant :Department of Physics, Netaji Subhas University of Technology-East Campus, Delhi - 110031, India. Delhi -----</p>
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(57) Abstract :

The present disclosure relates generally to a Protein-based nano particle comprising cationic-lipid base compound of Formula I. More specifically, the disclosure is directed to a Protein-based nanoparticles along with cationic-lipid for Protein-based drug delivery system. The present disclosure also relates to a method of synthesizing the compound.

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