A DISSERTATION ON

Studying the miR-24 expression profile in breast carcinomas and synthesis of liposomes as nanovehicles for siRNA based future oncotherapeutics

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE OF

MASTER OF TECHNOLOGY

IN

NANO SCIENCE AND TECHNOLOGY

SUBMITTED BY

ROHAN KAR
ROLL NO. 2K12/NST/019

UNDER THE SUPERVISION OF

Dr. NITIN K. PURI

DEPARTMENT OF APPLIED PHYSICS
DELHI TECHNOLOGICAL UNIVERSITY
DELHI -110042
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CERTIFICATE

This is to certify that the M. Tech. dissertation entitled **"Studying the miR-24 expression profile in breast carcinomas and synthesis of liposomes as nanovehicles for siRNA based future oncotherapeutics"**, submitted by **Rohan Kar (2K12/NST/019)** in partial fulfilment of the requirement for the award of the degree of Master of Engineering, Delhi Technological University (Formerly Delhi College of Engineering, University of Delhi), is an authentic record of the candidate's own work carried out by him under my guidance.

The information and data enclosed in this dissertation is original and has not been submitted elsewhere for honouring of any other degree.

Date:

Supervisor   **HOD**

Dr. Nitin K. Puri   Prof. S.C. Sharma

Department of Applied Physics   Department of Applied Physics

Delhi Technological University   Delhi Technological University

DECLARATION

I hereby declare that the work presented in this dissertation entitled "**Studying the miR-24 expression profile in breast carcinomas and synthesis of liposomes as nanovehicles for siRNA based future oncotherapeutics**" has been carried out by me under the guidance of Dr. Nitin Kumar Puri, Assistant Professor, Department of Applied Physics, Delhi Technological University, Delhi and hereby submitted for the partial fulfillment for the award of degree of Master of Technology in Nanoscience and Technology at Applied Physics Department, Delhi Technological University, Delhi.

I further undertake that the work embodied in this major project has not been submitted for the award of any other degree elsewhere.

Date:

Rohan Kar
2K12/NST/019
M.Tech, Nano Science and Technology
Department of Applied Physics
Delhi Technological University

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