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## CERTIFICATE

This is to certify that the thesis entitled "Molecular characterization of nitric oxide stimulatory molecules of *Brugia malayi* parasite" submitted to the Jawaharlal Nehru University, New Delhi, for the award of degree for Doctor of Philosophy, embodies the research work carried out by Mr. Shiv Kumar Verma in the Division of Parasitology, Central Drug Research Institute, Lucknow under my supervision. The work presented here is original and has not been submitted in part or full, for any other degree or diploma of this or any other University/Institute.

Dr. P. K. Murthy  
(Supervisor)