

Certificate from the supervisor

This is to certify that the work embodied in this thesis titled "Characterization of priming induced memory T-cell generation in Leishmania infection" is solely based on original contribution of the research work carried out by "Sunil Kumar" towards the degree of Doctor of Philosophy (Ph.D.) in Physiology under my supervision. This work, or any part of it, is not submitted for any other degree of this or any other University. Whatever references have been made, to work of others, has been clearly indicated and included in the references. Materials obtained from other sources have been duly acknowledged in the thesis.



Dr. Bhaskar Saha

BHASKAR SAHA
Scientist - ६
National Centre for Cell Science
Pune - 411 007

Research Supervisor,

NCCS, Pune