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## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Arjun Udupa has completed a summer internship with the Molecular Parasitology lab at the Department of Biosciences and Bioengineering, Indian Institute of Technology -Bombay under the mentorship of Dr. Swati Patankar, the Principal Investigator at the Molecular Parasitology lab.

The duration of this internship was from April to May, 2019. The topic of the project was Endogenous Tagging of Putative Sec22. This was a cloning project to study trafficking of proteins to organelles in apicomplexan parasites. A report describing the work conducted was made by Arjun and approved by the lab. The sum total of time spent working on this project was a minimum of 260 hours.

Arjun was recommended by the Homi Bhabha Centre for Science Education (HBCSE), an institute that runs nation-wide outreach programs for outstanding students from science backgrounds. This project was a part of the National Initiative on Undergraduate Science (NIUS)- Biology organized by the HBCSE for which Arjun was selected.

of, SWATI PATANKAR प्राध्यापक/Professor

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