IN SILICO STUDIES ON HBx PROTEIN AND FINDING PROMISING INHIBITORS AGAINST IT

A Dissertation Work

submitted in partial fulfilment of the requirement for the award of the degree of

MASTER OF SCIENCE

IN

BIOTECHNOLOGY

Submitted to

Department of studies in Biotechnology

University of Mysore

Submitted by

Ishita Saha

Reg. No: P01ZZ21S1099

IV Semester, M.Sc. Biotechnology

Department of studies in Biotechnology

University of Mysore, Manasagangotri, Mysore

Under the Research Supervision of

Dr. S. UMESHA, Professor and Chairman

Department of Studies in Biotechnology

University of Mysore, Manasagangotri,

Mysore-570006, Karnataka, India

September 2023



(Re-accredited by NAAC with 3.47 CGPA of 4.0 Scale)

(NIRF -2022 Ranked 33 in University Category & Samp; 54 in Overall Category)

Department of Studies in Biotechnology

Manasagangotri, MYSORE-570 006, INDIA

Dr. S. Umesha MSc, MPhil, PhD, Post Doc (USA), FISBT, FNABS, FISMPP Professor and Chairman

0821 2419884(off) + 9194492 64384(mob)

su@appbot.uni-mysore.ac.in pmumesh@gmail.com

CERTIFICATE

This is to certify that this dissertation entitled, "In Silico Studies on HBx Protein and Finding Promising Inhibitors Against It" submitted to the University of Mysore, in the partial fulfilment of requirement for the award of Master of Science in Biotechnology is a record of bonafide work carried out by Ishita Saha under my research supervision at the Department of Studies in Biotechnology, University of Mysore, Manasagangotri, Mysuru, during the academic year 2022-23.

Date:

Place: Mysuru

DR. S. UMESHA, MSc, MPMIL FID. PROFESSOR

Department of Studies in Biotechnology University of Mysore, Manasagangotri Mysuru-570 006, INDIA