



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

Department of Molecular Biology and Biotechnology

NAPAAM, TEZPUR-784028

ASSAM, INDIA

Tel: +91-3712-267007/8/9 Ext. 5402 (O)

+91-3712-267172 (O)

+91-3712-267316 (R)

Fax: +91-3712-267005/6

Email: bkkon@tezu.ernet.in

B. K. Konwar, Ph.D. (London), DIC
Professor & Head

Certificate of the Head of the Department

This is to certify that Ms Naushaba Hasin a student of the Department of Molecular Biology and Biotechnology, Tezpur University, Assam has successfully completed the project work entitled "A Study on Polymorphism of MSP1 and MSP2 gene and Antimalarial antibodies to Plasmodium falciparum" in partial fulfillment of her Master of Science in Molecular Biology and Biotechnology under the supervision of Dr (Mrs.) S. Baruah, Reader, Department of Molecular Biology and Biotechnology, Tezpur University.

Place: Tezpur

Date: 22/06/07

(B. K. Konwar)

Professor and Head

HEAD

Dept. of Molecular Biology & Biotechnology
TEZPUR UNIVERSITY
NAPAAM, TEZPUR-784028



TEZPUR UNIVERSITY
(A Central University Established by an Act of Parliament)
Department of Molecular Biology and Biotechnology
NAPAAM, TEZPUR-784 028
ASSAM, INDIA

S.Baruah, Ph.D.
Reader.

Tel: +91-3712-267007/8/9 Ext. 5408 (O)

Fax: +91-3712-267005/6

Email: sbaruah@tezu.ernet.in

CERTIFICATE

This to certify that the Project Report entitled "A Study on Polymorphism of MSP1 and MSP2 gene and Antimalarial antibodies to Plasmodium falciparum" has been carried out by Ms Naushaba Hasin, Roll:-Bt-05-03, Department of Molecular Biology and Biotechnology, Tezpur University, Tezpur, Assam, under my supervision and guidance, w.e.f. 01/10/06 to June'07 in partial fulfillment for the award of the degree of "Master of Science in Molecular Biology and Biotechnology" in the Department of Molecular Biology and Biotechnology at Tezpur University, Tezpur, Assam.

Date: 22/6/07
Place: Tezpur

SBaruah
Dr. (Mrs.) S. Baruah

ACKNOWLEDGEMENT

I find no words so adequate to express my deep sense of gratitude to all persons who have extended unstinted guidance, assistance, encouragement and inspiration to me in completing this project.

At the onset I offer my sincere and deepest sense of gratitude and profound indebtedness to my teacher and guide Dr. (Mrs.) S. Baruah, Reader, Dept. of MBBT, Tezpur University, Tezpur, Assam. Her dynamic personality, depth of knowledge, masterly guidance, constant inspiration and supervision remained as a source of light whenever darkness prevailed in the aspect of my endeavor.

I acknowledge my sincere sense of gratitude and regards to the Head of Dept. MBBT, Tezpur University Prof. B. K. Konwar for providing me support throughout my project work.

I also owe my deepest sense of gratitude and regards to Sonia Lourembam and Clara Sawian for their continuous support and valued suggestion throughout the project. It is my privilege to express deep sense of gratitude to my project partners Ramcharan, Joubert and Nabamita whose co-operation has made it possible for completion of project in time.

I would also like to thank my roommate Juthika for her help and support whenever I needed.

It gives me particular pleasure to acknowledge the help, affection, blessing and encouragement I received from my parents.

At last, but not the least, I cannot resist myself from expressing my heartfelt gratitude to all the patients who had humbly submitted themselves for study; without their co-operation nothing would have been possible.

Dated: 23/6/07

Place: Tezpur

Naushaba Hasin.
(NAUSHABA HASIN)