ACKNOWLEDGEMENT

By the grace of God, my Ph.D. thesis has finally seen the light of day. On this occasion I feel privileged to offer my sincere thanks to my supervisor, Dr. Asif Ali, Chairman, Deptt. of Biochemistry, J.N. Medical College, A.M.U., Aligarh. I am indeed indebted to him for his able guidance, much needed advices, help and affection throughout my research programme.

I am also obliged to Prof. Rashid Ali, for his constant encouragement, concern and invaluable help to me. The creative suggestions and timely help extended to me by Drs. Najmul Islam, Khursheed Alam, Moinuddin, B.T. Ashok, S. Moin, J. Ahmad, S. Arjumand, A. Anwar, S. Ahmad and A. Ahmad are also gratefully acknowledged. Grateful thanks are also offered to Dr. (Mrs). Shayesta Vasenvala and Mrs. Akhtar Jehan for their help, in histopathological studies.


I am overwhelmed with gratitude towards my parents and family for
their unceasing love and affection for me. I feel greatly indebted to my husband and in-laws who provided me with full opportunity to complete my research work. My husband Mr. S.M. Muzaffar Rizvi had to make many sacrifices in domestic matters for allowing me to continue my research. I am thankful to him.

Thanks are also due to Mr. Mansoor and Mr. Wajid for excellent photography and Mr. Alaishya Hood of APEX COMP. for prompt and accurate typing of the thesis and to the non teaching staff members for their invaluable assistance.

Finally, I wish to thank Prof. Rashid Ali and Dr. Asif Ali once again for the financial support they extended to me through the research grant sanctioned to them, by D.B.T. and I.C.M.R., New Delhi, India.

(SABA ABDI)