ACKNOWLEDGEMENT

All praises be to Almighty God, who made me able to carry out the present investigation successfully.

It is indeed a great pleasure to express my gratitude to Dr N.K. Mehrotra, M.B.B.S., M.D., D.I.H. (Eng.), Assistant Director, Industrial Toxicology Research Centre, Lucknow, and Professor N.H. Khan, M.Sc., Ph.D. MASS, Chairman, Department of Zoology, Aligarh Muslim University, Aligarh, for their invaluable guidance, aesthetic suggestions, stimulating discussions, deep interest and constant encouragement, which made these investigations as a rewarding experience.

I am gratefully indebted to Dr S.H. Zaidi, M.B.B.S., Ph.D. (Lond), D.C.P. (Lond), F.R.C. Path. (Lond), F.N.A., F.N.A.Sc., F.A.M.S., Founder Director, Industrial Toxicology Research Centre, Lucknow, for introducing me to a very fascinating field of toxicology and providing me financial assistance from PL-480 Scheme, during the early phase of the present investigations.

I wish to express my gratitude to Dr C.R. Krishna Murti, Ph.D., F.N.A., F.A.Sc., F.A.M.S., Former Director and Dr P.K. Ray, Ph.D., D.Sc., Director, Industrial Toxicology Research Centre, Lucknow, for providing necessary facilities to carry out the present work.
I am sincerely thankful to Drs. Shahid Ali, Ph.D., S. Kumar, Ph.D., R.K.S. Dogra, Ph.D., Rajesh Agarwal, Ph.D., (Miss) K. Gupta, Ph.D. and Rashid Mobin, M.D. (Homeo), for their unflinching cooperation and help as and when needed.

I also wish to thank Mr Y. Shukla, Mr K. Lal, Mr U.K. Singh, Mr. M. Das, Mr S.R. Pervez, Mr A. Rahim, Miss P. Tandon and Mrs. Mary Anthony for their help they always extended to me.

Thanks are also due to Mr G.M. Nair for his help in typing this dissertation and Mr Musleh Ahmad for photography. The help rendered by Mr Jagjivan Prasad for cyclostyling is also acknowledged.

Financial assistance received from Indian Council of Medical Research, New Delhi is also gratefully acknowledged.

(JASEEM ANWER)