ACKNOWLEDGEMENTS

A journey is easier when you travel together; Interdependence is certainly more valuable than independence. This thesis is the result of work, whereby I have been accompanied and supported by many people. It is a pleasant aspect that I have now the opportunity to express my gratitude for all of them.

I wish to express my deepest sense of sincere gratitude and indebtedness to my reverted teacher and guide Dr. V.R. Bhamburkar, Professor and head, Department of Anatomy, Histology and embryology and Associate Dean, Nagpur Veterinary College, Nagpur for his inspirational guidance, suggestions, constructive criticism in interpreting the result through out my research. I relied heavily on his professional judgment and encouragement which benefited me immensely in carrying out this project.

I consider it a great privilege to record my respect and indebtedness to Dr. R. S. Dalvi, Professor and Head, Dept. of Anatomy, Histology and Embryology, Nagpur Veterinary College, Nagpur for his detailed and constructive comments and for his important support through out this work.

I feel myself blessed and it gives me a great pleasure and pride to quote heartily indebtedness with deep sense of gratitude and respect to my beloved teacher Dr. S. B. Banubakode, Associate Professor, Dept. of Anatomy, Histology and Embryology, Nagpur Veterinary College, Nagpur, for his valuable guidance, constant encouragement, timely suggestions and criticism from open heart and good faith.

I am grateful to Dr. D.N. Verma, Dean, C.V.Sc. and A.H., N.D.U.A. & T. Kumarganj, Faizabad for his ever willing co-operation and moral support in preparation of this dissertation.

My sincere gratitude is due to Dr. H.N. Singh, Associate Professor and Head, Dept. of Anatomy and Histology, C.V.Sc. & A.H., Kumarganj, faizabad for his immense co-operation and unusual broad interest during the present study.

I specially oblige Dr. P. L. Dhande, Associate Professor, Department of Anatomy, Bombay Veterinary College, Mumbai for his genuine and conservative guidance and help in interpreting the immunohistological results.
I also extend my sincere thanks to Dr. O. N. Ladukar, Associate Professor of Anatomy, Histology and Embryology for his constant guidance, keen interest and valuable suggestions through out the work.

I take this opportunity to express my deep sense of sincere gratitude to Dr. A. G. Bhandarkar, Professor and Head, Dept. of Pathology, Dr. D. R. Kalorey, professor and Head of Microbiology, Dr. N. V. Kukure, Associate Professor of Pathology, for their unstinted support, keen interest, encouragement, constructive guidance and the tender loving care for me during my research work.

I am grateful to Mr. S.N. Gawande, University Librarian, M.A.F.S.U. Nagpur for his valuable and timely help during the present work.

I am grateful to Dr. B. P. Dandge, Associate Dean, Nagpur Veterinary College, Nagpur for his support and provision of all facilities in the college to undertake and complete the research project.

I also extend my sincere thanks to Dr. S.W. Sawarkar, Dr. Balawant Meshram, Dr. N.C. Nandeshwar, Dr. V. D. Shankpal, Dr. A. P. Gawande, Dr. R. P. Limsay for their time to time help.

I am deeply grateful to Dr. Suryavanshi, Assistant professor of Pathology and Dr. C.V. Mote, Ph.D. Scholar, B.V.C. Mumbai, for their valuable help in carryout the immunohistological work.

My sincere thanks are also due to my colleagues Dr. A.K. Gangwar, Dr. Amit Singh, Dr. Aditya Mishra, Dr. Jaswant Singh, Dr. ShriPrakash Singh, Dr. Suresh Pratap Singh, Dr. P.K. Jallewar, Dr. N.K. Shinde, Dr. Shiv Pratap Singh for their valuable timely help and unfailing courtesy.

I owe a special thanks to Dr. Suchita Bodkhe, Dr. Rupali Charjan, Dr. Vivek Pande, Dr. Sachin Vanjari, Dr. Kailash Ingale, Dr. Bhavana Zade, Dr. Laik Khan, Dr. Suchit Sukhdeve, Dr. Sachin Raut, Dr. Umesh Mainde, Dr. Devendra Gayki, Raj Motiani, Rajesh Verma, Nain for their valuable support and smiling cooperation.

I am also grateful to Dr. N.P. Tewari and his family for their unusual moral support and encouragement.

My thanks are also due to other staff members of the Department of Anatomy, Histology, C.V.Sc. and A.H. Kumarganj, Faizabad namely Shri Raja Ram,
Laboratory Assistant and Shri. Ram Ajor for their services rendered to me during the research work.

I am grateful to Shri G. G. Dhere and Shri. R. N. Kalwe for their technical help and typing.

I am unable to express in words the patronage received from my beloved father, mother, wife, son Atharva and Shreejay, Brother Deepakdada and Rajudada, Sisters and brother in law for their affection, moral support and sacrifice which enable me to complete the work.

Last but not least, I must be thankful to all those whom I could not mention but who helped me, directly or indirectly during my research work.

Above all I thank Almighty God for giving me this opportunity to accomplish this study.

(Waghaye Jitendra Yogesh)