ACKNOWLEDGEMENT

I acknowledge my sincere indebtedness and profound sense of the gratitude to my supervising teacher, Dr. Jose Padikkala, Professor, Amala Cancer Research Centre, Thrissur for his untiring supervision, constant support and ever valuable creative advice and critical suggestions during the course of the present investigation and preparation of the thesis.

I sincerely thank to Dr. Ramadasan Kuttan, Research Director, Amala Cancer research Centre, Thrissur, for providing the necessary facilities and for his valuable advices and suggestions during the course of my research work.

I express my sincere gratitude to Rev. Fr. Walter Therappilly, Managing Director, Rev. Fr. Paul Achandi, Former Managing Director, Rev. Fr. Gabriel, Rev. Fr. Thomas Chakramakkil, Amala Cancer Research Centre for permitting me to do research work at this centre.

I sincerely acknowledge Dr. Girija Kuttan, Professor, Dr. C. K. K. Nair, Professor, Dr. K. K. Janardhanan, Professor and Dr. T.D. Babu, Assistant Professor of Amala Cancer Research Centre for their support extended to me during the course of my work.

I wholeheartedly thank Mr. Fijesh P. Vijayan for all the help he have done to me during all the stages of my research work.

I am very much grateful to Jaimsha Rani, V. K, Adil Nafar, Vipin P Sivaram, Seema Menon, Lincy Lawrence and all my colleagues of Amala Cancer Research Centre and friends for their sincere cooperation and timely help extended to me for the successful completion of my work.

I sincerely thank Mr. Bejoy Vijayan and Mrs. Lakshmy Ramachandran for all the timely help they provided for the successful completion of my research work.

I thank Dr. Sajikumar N, Dr. Sumam K.S and Adv. K. S. Suresh Babu for the valuable advice and timely suggestions during the course of my research.

I would like to express my immense gratitude to Dr. T. R. Santhosh Kumar, Scientist E-I, Rajeev Gandhi Centre for Biotechnology, Thiruvananthapuram for allowing me to do flow cytometric analysis in their institution.

I am very much grateful to University Grants Commission for awarding me Teacher Fellowship under Faculty Improvement Programme for completing my research work.
I would like to thank the staff of Sreekrishna College, Guruvayoor for all the help they have done which helped to complete my research work.

It is my pleasure to thank Mr. N. Ramachandran, Mrs. Laijumol. P. B for their valuable help and constant encouragement.

Words are insufficient and inefficient to express my whole hearted gratitude to my husband Mr. Soman. K. S and children Raghu.K.S, and Ranjith.K.S, for their abiding love, constant encouragement and freedom given to me for the successful completion of my course work and thesis.

I take great privilege to express my heartfelt thanks to all those who have directly or indirectly helped me in getting through this project successfully.

Above all I stand before the Almighty with bowed head for invisible source of support, love and hope and all the showers of his blessings upon me. It is only with his grace that I have been able to accomplish the completion of this course.

Sudha. K. S