ACKNOWLEDGEMENTS

Dr. V. N. Rajasekharan Pillai, Professor and Director, School of Chemical Sciences, Mahatma Gandhi University, Kottayam, is too well-known for his remarkable achievements in the realm of research and for his sincere dedication to work to need any special mention. Being my supervising teacher and teacher apart he has been a luminary and source of inspiration to me throughout this work. His profound and invaluable advice, constant encouragement and whole-hearted cooperation and guidance have, of course, been the reckoning force which helped me to plod along and complete the work. I take this opportunity to express my extreme gratitude and indebtedness to him.

Dr. R. Nagaraj, Scientist, Centre for Cellular and Molecular Biology (CCMB), Hyderabad, deserves particular mention for having extended laboratory facilities and shown a keen interest in the work during my brief association with him. I express my sincere thanks to him.

I am also grateful to Dr. Mercy Joseph, Mr. V. M. Dhople and Mr. S. Thennarasu for all the help I received from them during my stay at CCMB, Hyderabad. I am very grateful to the research scholars of Mahatma Gandhi University, the Faculty members, the Technical staff and the Administrative and Library staff for their unstinted help and cooperation.

I am also grateful to the CSIR for the financial assistance given to me in the form of junior and senior research fellowships.

M/s COPY WRITE, Ettumanoor have provided the icing in the cake. I thank them for the word processing and photocopying of the manuscript and delivering it in time.

My little Vishnu came into my life, midway through this assignment. But for his forbearance in sacrificing his little pleasures, I would not have been able to complete this piece of work. I dedicate this work to him for all the lost care he missed so far.

Latha K. S.