

## ACKNOWLEDGEMENTS

I acknowledge with a deep sense of gratitude my supervising guide, Dr. J. Madhusudana Rao for his advice, encouragement, inspiring and valuable guidance throughout the period of this investigation.

I am grateful to the Director, Regional Research Laboratory, (CSIR), Trivandrum for the award of a research fellowship and providing all the facilities to carry out the work. I respectfully extend my thanks to Prof. M.V. George, Emeritus Scientist, Photochemistry Research Unit for allowing to use the Infrared Spectrometer and CHN analyser and to Dr. Vijay Nair, Deputy Director, for the  $^{13}\text{C}$  NMR of kamaladiol diacetate. My thanks are due to Mrs. K.P. Padmakumari for her assistance in Gas Chromatographic analyses.

I would like to express my thanks to Dr. A.V. Rama Rao, Director and Dr. Viramani, Scientist, both of Indian Institute of Chemical Technology, Hyderabad for the 200 MHz  $^1\text{H}$  NMR and mass spectra of several compounds. I sincerely thank Mr. P.J. Mathew and Mathew Dan of Tropical Botanical Garden and Research Institute, Palode, Trivandrum for their help in the collection of the plant materials. My sincere appreciation to Dr. M. Gopal Rao, Scientist, Regional Centre, Central Institute of Medicinal and Aromatic Plants, Belur, Bangalore for the authentic samples of acetylursolic acid and acetylbetulinic acid and Dr. Casadevall, Laboratoire de Chimie Bioorganique et Organique Physique, URA CNRS, Paris, France for providing a sample of cyclicodiscic acid. I acknowledge the financial support provided by the Council of Scientific and Industrial Research, New Delhi.

I am beholden to all my friends and colleagues in the Laboratory for their help, cooperation and warm companionship. Last but not the least I am especially indebted to my parents and family members for their encouragement, immense patience and cooperation during the course of this work.

  
SHREE P. NAIR