ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude to my research supervisor Dr. Amar K Chandra, Reader and Head, Department of Physiology, University of Calcutta for helping me to carrying out this research work. I am extremely grateful for his inspiring guidance, valuable advice, whole involvement and above all a rational approach to solve any problem throughout the course of the study.

I gratefully acknowledge Department of Science & Technology, Government of India for the award of Junior Research Fellowship (JRF) in the Project entitled “Thyroid function under the influence of dietary goitrogen in relation to iodine nutrition” (Sanction No.: SP/SO/B47/97).

I would like to express my sincere gratitude to all the faculty members of the Department of Physiology, University of Calcutta where the present investigation is carried out for their active help and support and providing me all the infrastructural and library facilities necessary for this endeavour.

I owe my sincere thanks to Professor Samir Banerjee, Head, Department of Zoology, and Professor Pulak Lahiri, Professor B R Maiti of the Department of Zoology, University of Calcutta for their support.

I gratefully acknowledge the cooperation received from Surgery Unit of ENT Department, S.S.K.M Hospital, Kolkata for providing the thyroid tissues.

I am grateful to Dr. Utpal Choudhury, Director and Dr. Prabir Lahiri, Indian Institute of Haematology and Transfusion Medicine, Medical College, Kolkata, for giving me the permission to take histological photomicrographs in their Institute.
My sincere thanks extends to the Libraries of Department of Physiology, Department of Zoology, Department of Botany and Central Library, University of Calcutta; Indian Institute of Chemical Biology, Kolkata; Bose Institute, Kolkata; Chittaranjan National Cancer Institute, Kolkata; National Medical Library, New Delhi for allowing me to avail their rich reference stocks.

I owe some special thanks to Ms. Dishri Lahari without whose cooperation and active participation completion of this research work would not have been possible. I express my appreciation to Mr. Smritiratan Tripathy for constant support and active cooperation in every part of my research work. Thanks are also due for the help provided by Ms. Aparajita Chatterjee, Mr. Arijit Debnath, Mr. L Hemchandra Singh and Ms. Rituparna Ghosh of our laboratory.

I also thank Ms. Rimi Hazra for her valuable advice and suggestions and Mr. Kaushik Ray for helping me in statistical calculations.

My particular thanks are due to all the research scholars and non-teaching staff of the Department of Physiology, University of Calcutta who helped me in various ways in completing the work. Of all I would like to mention the name of Mr. Sumantra Ghoshal for helping me in the histopathological studies.

I express my gratitude and thanks to my parents, all family members and all my friends for their interests and constant encouragement during the course of my work.

Date: 30, 12, 2004

Sanjukta Mukhopadhyay
(SANJUKTA Mukhopadhyay)