It was my privilege to be guided, inspired and constantly encouraged by Dr. (Mrs) Mantha Adna, M.B., B.S., (Madras.), D.M., N.U. (Coll) M.B.I.C.P. (London.), Professor & Head of the Department of Pharmacology, Christian Medical College, Vellore throughout this programme of study. The stimulating discussions, helpful suggestions and inspiring presence of Prof. Mantha Adna, (the foremost scientist in the field of Diabetics in India and the first to establish Insulin Assay techniques in this century) were the cardinal factors which provoked my interest in the field of studies on Carbohydrate Metabolism. Her sage advice and unfailingly careful and deeply painstaking guidance made the execution of this project possible with the limited facilities and amenities available.

My grateful thanks to Dr. P.S.K. Sathia Re, M.B., F.R.S.C., Head of the Department of Biostatistics, Christian Medical College, Vellore, and his statistical assistant Mr. Aivananiam, for their willing and cheerful assistance in the processing of statistical detail, and a very special word of thanks for Mr. Rees, Artist in the Biostatistics Department for the preparation of the diagrams and graphs.

My sincere thanks are also due to Dr. E. Magindia, Secretary, Medical Records Service, Christian Medical College Hospital, Vellore for his untiring efforts in the production of this
Typed-script, and to Mr. A. Antony, M.R. Technol.,
Department of Pharmacology, Christian Medical College, Vellore
for his loyal and faithful assistance throughout the long
and tedious days (and nights!) during the conduct of the
experimental work.

IN THE NAME OF GOD

To: Mr. Itoe Isc, Ph.D., of the Chester Beatty Institute,
V.I. for her very substantial and timely assistance in
providing some of the basic and essential equipment
for this work, through the kind donations from her
Church Board in the United Kingdom.

To: Dr. G. Vincent Hellick, M.D., Associate Director,
Acuba Pharmaceutical Products Inc. Nace., V.I, for a
free supply of Epinephrine hydrochloride.

To: Dr. H.A. Johnstone, Medical Director, Imperial Chemical
Industries Ltd., Basildon, V.I. for a free supply of
Propenalex hydrochloride and the relevant reprints
and literature.

To: Hoffmann La Roche Ltd., Basel, Switzerland and
Mr. J. Ritt, Medical Director, Roche Products Ltd.,
Baslow, India, for a free supply of Berinved hydrochloride
and Haloperidol hydrochloride.
To: Dr. Frank C. Eadse, M.D., Chief Medical Services, Upjohn International Inc., N.Y.C. USA for a free supply of Neopride.

Finally, my deep and heartfelt gratitude to my wife and the 'little ones' who have patiently and ungrudgingly borne my absences from an active involvement in their 'things'.

30th October 1969

(P. E. Stephens)