PREFACE

The thesis embodies the results of studies on the surface antigens of filarial parasites.

The thesis is presented in five sections. Section I is the introduction in which information regarding (1) the disease, filariasis; (2) the existing antifilarial measures and (3) the importance of filarial surface antigens is reviewed.

Section II details the materials and methods used for the isolation and purification of antigens and antibodies, along with the other biochemical and immunological techniques employed in the study.

Section III describes the entire results obtained from the study as (1) isolation and analysis (2) purification and characterisation (3) cross reactivity and application.

Section IV deals with the discussion based on the results and conclusions drawn from the study.

Section V summarises the whole thesis.

The sections I, II, III and IV are divided into subsections and detailed lists of contents are given at the beginning of each section.