

Preface

Virology is a fascinating and rapidly developing subject, and is worthy of study purely because viruses are interesting! Furthermore, virology is a branch of science that is of immense relevance to mankind for a host of reasons, not the least of which are the threats to human health caused by viruses, such as HIV, hepatitis B virus, papilloma viruses, measles and influenza viruses, to mention just a few. There is a continuant need for trained virologists, and it is hoped that this book will play a small role to fulfil this need. This book is specially prepared to meet the demands on Zoology, Microbiology and Biotechnology UG and PG students of various University, it brings out the detailed information on introduction, history, classification, architecture, replication, pathogenesis, genetics, immunology, viral host interaction, bacteriophages, plant viruses, animal viruses, interferons, antiviral drugs, prions and viroids, virus genomes, vaccination, diagnostic methods and infection control measures. I am thankful to Dr. M. Sivalaila., Ph.D, Principal, Udaya college of Arts and Science and my Beloved Parents, Sister, Brother in law and my wife Mrs.R.Lakshmi sree, Lecturer, N.M.S.Kamaraj Polytechnic college, Pazhavilai for their cooperation and encouragement.

Dr. A. Maharajan