This book, now in its sixth edition, provides a rounded introduction to viruses and the infections that they cause, and is aimed at undergraduate students at all levels and postgraduates wishing to learn about virology for the first time. It approaches the subject on a concept by concept basis, rather than considering each virus in turn. In this way, the important parallels and contrasts between different viruses and their infections are emphasized.

Preface: What is a virus? Towards a Definition of a Virus. Some Methods for Studying Animal Viruses. The Stru Modern Virology. approaches to prevention and treatment. New chapters on viral hepatitis, influenza, vector-borne diseases, and exotic and emerging viral infections, complementing a comprehensively revised chapter on HIV. A revised concluding section covering the influence of viruses on our lives, such as the economic impact of virus infections, viruses in clinical and other spheres, and the pervasive impact that viruses have on the planet and our day-to-day existence.

Preface: As before, our aim in this 7th edition of Introduction to Modern Virology is to provide a broad introduction to virology, which includes the nature of viruses, the interaction of viruses with their hosts, and the consequences of those interactions that lead to the diseases we see. Introduction to Modern Virology has been an established student text for over 25 years. Providing an integrated account of the subject across different host systems, with an emphasis on human and animal viruses, this book covers the field of virology from molecular biology to disease processes using a unique systems approach. Featuring an all new art program in full color, the new edition has been updated throughout, and reorganized into thematic sections on the fundamental nature of viruses, their growth in cells, their interactions with the host organism and their role as agents of human dis