Record Nr. UNINA9910138348803321 Autore **Arbuthnot Patrick** Titolo Antiviral drugs: aspects of clinical use and recent advances / / edited by Patrick Arbuthnot Pubbl/distr/stampa IntechOpen, 2012 [Place of publication not identified]:,: InTech,, [2012] ©2012 **ISBN** 953-51-6885-1 Descrizione fisica 1 online resource (208 pages): illustrations Disciplina 616.925061 Soggetti Antiviral agents Virus diseases - Chemotherapy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di bibliografia Includes bibliographical references. The articles that appear in Antiviral Drugs - Aspects of Clinical Use and Sommario/riassunto Recent Advances cover several topics that reflect the varied mechanisms of viral disease pathogenesis and treatment. Clinical management and new developments in the treatment of virus-related diseases are the two main sections of the book. The first part reviews the treatment of hepatitis C virus infection, the management of virusrelated acute retinal necrosis, the use of leflunomide therapy in renal transplant patients, and mathematical modeling of HIV-1 treatment responses. Basic research topics are dealt with in the second half of the book. New developments in the treatment of the influenza virus, the use of animal models for HIV-1 drug development, the use of single chain camelid antibodies against negative strand RNA viruses, countering norovirus infection, and the use of plant extracts to treat

herpes simplex virus infection are described. The content of the book is not intended to be comprehensive, but aims to provide the reader with insights into selected aspects of established and new viral therapies.