

1. Record Nr.	UNINA9910146141403321
Titolo	Principles and practice of clinical virology [[electronic resource] /] / edited by Arie J. Zuckerman ... [et al.]
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, N.J., : John Wiley & Sons, 2009
ISBN	1-282-12329-7 9786612123290 0-470-74140-6 0-470-74139-2
Edizione	[6th ed.]
Descrizione fisica	1 online resource (1034 p.)
Altri autori (Persone)	ZuckermanArie J
Disciplina	616.9/101 616.9101
Soggetti	Virus diseases Medical virology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Principles and Practice of Clinical Virology; Contents; List of Contributors; Preface; Past, Present and Future of Clinical Virology: An Overview; 1 Diagnostic Approaches; Introduction; Electron Microscopy; Histology/Cytology; Virus Isolation; Serology; Molecular Amplification Techniques; Recommended Diagnostic Investigations; Future Trends; 2 Viral Transmission: Infection Acquired by the Blood-borne Route; Introduction; Prevention of Exposure through Infection Control; Prevention of Infection through Specific Pre- and Post-exposure Policies; Patient-to-patient Transmission Patient-to-HCW TransmissionHCW-to-patient Transmission; 3 Viral Transmission: Infection Acquired by All Other Routes (Respiratory, Eye-Nose-Mouth, Inoculation and Faeco-orally); Introduction; Measles, Mumps and Rubella; Cytomegalovirus; Varicella Zoster Virus; Herpes Simplex Virus; Noroviruses; Rotavirus; Parvovirus B19; Respiratory Viruses; 4 Emerging Virus Infections; Introduction; Factors Contributing to Emergence; Future Directions; 5 Vaccinology; Introduction; Burden of Viral Diseases and their Reproductive Rates The Immune System and its Role in Natural and Artificially-induced

ImmunityDiscovery of Protective Antigens in Pathogens; Presentation of Protective Antigens through Vaccines and Types of Vaccine; Research and Development on Vaccines and their Commercial Introduction; Social Marketing of Introduced Vaccines; Planning and Implementation of Vaccination Programmes; Surveillance of Disease Incidence and Adverse Events Before and After Implementation of Vaccination; Rectification of Publicized Falsehoods and Maintenance of Vaccination Coverage

Viral Vaccines on the Horizon and the Roadblocks to Future Vaccine DevelopmentClosing Comments; 6 Herpes Simplex Virus Type 1 and Type 2; Morphology; Replication; Epidemiology; Viral Diagnosis; Antiviral Chemotherapy; Clinical Features, Diagnosis and Management; Concluding Remarks; 7 Varicella Zoster; Introduction; The Virus; Epidemiology; Clinical Features; Diagnosis of VZV Infection; Treatment; Prevention; 8 Cytomegalovirus; Introduction; The Virus; Epidemiology; Routes of Infection; Pathogenesis; Clinical Features; Diagnosis; Management; Prevention; Treatment; 9 Epstein-Barr Virus IntroductionThe Virus; Epidemiology; EBV-associated Diseases; EBV Infection in the Immunocompromized Host; Vaccine Development; 10 Roseoloviruses: Human Herpesviruses 6A, 6B and 7; Introduction; Biology of the Viruses; Epidemiology and Pathogenesis; Disease Associations; Laboratory Diagnosis; Antiviral Therapy; Concluding Remarks; 11 Kaposi's Sarcoma-associated Herpesvirus (Human Herpesvirus 8); Introduction; Origin and Evolution of KSHV; Worldwide Distribution of KSHV in the General Population; Transmission; Clinical Manifestations; Pathogenesis; Diagnostic Assays; Antiviral Therapy 12 Hepatitis Viruses

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Sommario/riassunto

Principles and Practice of Clinical Virology is the bible for all working in the field of clinical virology - from the trainee to the expert because there's always something new to learn! As before, the book provides a detailed account of the diagnosis and treatment of virus infections, with a stronger emphasis on clinical expertise and management. Each chapter deals with a single virus or group of viruses and is written by leading international experts in the field. What's new in this edition ... Showcases the wealth of new knowledge acquired on virus infections and refle

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