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4.3 Gammaherpesvirinae (Lymphocryptoviruses); 4.3.1 Epstein-Barr Virus
4.3.1.1 Characterization of the Virus, and its Biological Properties4. 3.1.2 EBV Gene Products in Latent Infection; 4.3.1.3 Transforming Properties of EBV and Tumor Induction in Animals; 4.3.1.4 Various Stages of Epstein-Barr Viral Latency; 4.3.1.5 EBV in Infectious Mononucleosis; 4.3.1.6 EBV in X-Chromosome-Linked Lymphoproliferative Disease; 4.3.1.7 EBV in Immunoblastic Lymphoma; 4.3.1.8 EBV in Burkitt's Lymphoma; 4.3.1.9 EBV in Nasopharyngeal Carcinoma; 4.3.1.10 EBV in Hodgkin's Disease; 4.3.1.11 EBV in Gastric and Esophageal Carcinomas; 4.3.1.12 EBV in NK/T-Cell Lymphomas 4.3.1.13 EBV and Other Human CancersReferences; 4.4 Rhadinoviruses; 4.4.1 Human Herpesvirus Type 8 (HHV-8, Kaposi's sarcoma-associated herpesvirus); 4.4.1.1 Historical Background; 4.4.1.2 Epidemiology and Mode of Transmission; 4.4.1.3 Pathogenesis: Other Diseases Associated with HHV-8 Infections; 4.4.1.4 Viral Genes Expressed in Viral Latency; 4.4.1.5 Cellular Genes Regulating Viral Latency; 4.4.1.6 Interaction Between HIV and HHV-8; 4.4.1.7 Viral Homologues to Host Cell Genes and Evasion from the Host's Immune Mechanisms; 4.4.1.8 HHV-8-Related Herpesviruses in Nonhuman Primates
4.4.2 Marek's Disease of ChickensReferences; 5 Papillomavirus Infections: A Major Cause of Human Cancers; 5.1 Introduction; 5.1.1 Structure of the Viral Particle, Transcriptional Regulation, and Taxonomy; 5.1.2 Transmission and Natural History of Papillomavirus Infections; 5.1.3 Functions of Viral Proteins; 5.1.3.1 E6; 5.1.3.2 E6*; 5.1.3.3 E7; 5.1.3.4 E5; 5.1.3.5 E1; 5.1.3.6 E2; 5.1.3.7 E4; 5.2 The Concept of Cellular Interfering Cascades: Immunological, Intracellular and Paracrine Host Factors Influencing Viral Oncogene Expression or Function; 5.2.1 Immunological Control
5.2.2 CIF-I: Recognition System and its Disturbance

Sommario/riassunto

Written by the Nobel Prize Laureate in Physiology or Medicine 2008 In the 1970s, the author of this work and his co-workers initially found Epstein-Barr virus DNA in Burkitt's lymphomas and nasopharyngeal cancer and made the connection between HPV infection and cervical cancer. It was also during this period and subsequently that scientists all over the world discovered tumor-inducing bacteria, viruses, parasites, and protozoa, opening up entirely new prospects for the prevention and treatment of infection-induced cancer by vaccination. Adopting a unifying concept and a consistent s