Record Nr. UNINA9910163020403321 Human papillomavirus: bench to bedside //volume editors, **Titolo** Marigdalia K. Ramirez-Fort [and three others] Pubbl/distr/stampa Basel, Switzerland:,: Karger,, 2014 ©2014 **ISBN** 3-318-02527-5 Descrizione fisica 1 online resource (282 p.) Collana Current Problems in Dermatology, , 1421-5721; ; Volume 45 Disciplina 616.911 Soggetti Papillomavirus diseases **Papillomaviruses** 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 at the end of each chapters and indexes. Nota di contenuto ""Cover""; ""Front Matter""; ""Contents""; ""Foreword""; ""Introduction""; ""Human Papillomavirus Genomics: Past, Present and Future""; ""Abstract""; ""Human Papillomavirus Genome Characteristics""; ""Viral Identification and Classification: Phylogeny and Taxonomy""; ""Human Papillomavirus Classification""; ""Human Papillomavirus Genome a€? Typinga€?""; ""Variant Lineages: Model for Recent Human Papillomavirus Speciation""; ""The Future of Human Papillomavirus Genomics""; ""References""; ""Molecular Biology and Pathogenesis""; ""The Biology of Human Papillomaviruses""; ""Abstract"" ""Introduction""""Virion and Genome Structure""; ""Human Papillomavirus Types""; ""Viral Life Cycle""; ""Genome Integration and Expression""; ""Clearance, Latency and Asymptomatic Infection""; ""Conclusion""; ""References""; ""Viral Oncogenesis""; ""Abstract""; ""Mechanisms of Viral Oncogenesis""; ""Conclusion""; ""References""; ""Pathogenesis of Infection by Human Papillomavirus""; ""Abstract""; ""Human Papillomavirus Disease Associations""; ""Human Papillomavirus Variants and Pathogenesis""; ""Human Papillomavirus Infection and Life Cvcle"" ""Risk Factors Associated with Human Papillomavirus Pathogenesis"""" Conclusion"": ""References"": ""Host Responses to Infection with Human

Papillomavirus""; ""Abstract""; ""Human Papillomavirus Infection and

Mutations and SCID"": ""MonoMAC Syndrome and GATA2 Deficiency""; ""Common Variable Immune Deficiency""; ""Epidermodysplasia Verruciformis""; ""WHIM Syndrome""; ""WILD and Emberger Syndrome""; ""Primary Intestinal Lymphangiectasia""; ""Idiopathic CD4 Lymphocytopenia""; ""Fanconi Anaemia""; ""Organ Transplant Recipients" ""HIV Infection""""Human Papillomavirus Is a Successful Pathogen""; ""Human Papillomavirus Immune Evasion Strategies""; ""High-Risk Human Papillomaviruses Downregulate Interferon Responses": ""Human Papillomavirus Globally Downregulates Keratinocyte Cytokine Responses in Episome-Containing Keratinocytes"": ""The Immune Response to Human Papillomavirus in Natural Infections""; ""Humoral Response to Human Papillomavirus Infection"": ""References"": ""Epidemiology and Clinical Manifestations""; ""The Epidemiology of Human Papillomaviruses""; ""Abstract""; ""Epidemiology"" ""Genital Infection and Associated Factors"""Anal Infection and Associated Factors""; ""Oral Infection and Associated Factors""; ""Cutaneous Infection and Associated Factors""; ""Serological Responses to HPV"": ""Epidemiology of Human Papillomavirus-Associated Disease""; ""Genital Warts""; ""Cancer""; ""Cutaneous Disease""; ""Conclusion""; ""References""; ""Cutaneous Human Papillomavirus Infection: Manifestations and Diagnosis""; ""Abstract""; ""Clinical Forms""; ""Dermatoscopy""; ""References""; ""Genitoanal Human Papillomavirus Infection and Associated Neoplasias""; ""Abstract"" ""Genitoanal Warts in Adults""

Immune Deficiency""; ""Severe Combined Immune Deficiency""; ""DOCK8

Sommario/riassunto

Human papillomavirus (HPV) infection transcends multiple fields of science and medicine. The management of HPV-related disease is demanding and often requires a persistent multimodal approach involving various medical disciplines. In this volume, experts present a comprehensive view of HPV research with an emphasis on clinical presentations, diagnosis, management and vaccine development. The state of the art in molecular biology is provided in addition to discussions on clinical morphology and the utility of dermatoscopy in identifying HPV disease. In a multidisciplinary approach to dermatological, plastic and reconstructive, gynecological, otolaryngological and colorectal management, different treatment strategies are highlighted. Finally, Dr. Neil Christensen discusses viral immunology, and the difficulties and successes in the development of an HPV vaccine. Bringing together basic science and clinical information on HPV, this book is an excellent resource and reference for all researchers and clinicians who encounter human papillomavirusrelated disease.