

1. Record Nr.	UNINA9910741138003321
Titolo	Hair in Infectious Disease : Recognition, Treatment, and Prevention // edited by Ralph M. Trüeb, Hudson Dutra Rezende, Maria Fernanda Reis Gavazzoni Dias
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-30754-2
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (423 pages)
Disciplina	616.546
Soggetti	Dermatology Diseases Pediatrics Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- 1 Introduction -- 2 Brief History of Microbiology -- 2.1 In Jainism: Mahavira -- 2.2 Marcus Terentius Varro -- 2.3 Golden Age of Islamic Civilization: Avicenna and Al-Razi -- 2.4 Girolamo Fracastoro -- 2.5 Antonie van Leuwenhoek and the Invention of the Microscope -- 2.6 Birth of Bacteriology: Louis Pasteur and Robert Koch -- 2.7 History of Virology: Dmitrij Iwanowski -- 3 General Considerations on Infectious Diseases -- 3.1 Definition -- 3.2 Classification -- 3.3 Pathophysiology -- 3.4 Transmission -- 3.5 Epidemiology -- 3.6 Prevention -- 4. Infectious Diseases of the Scalp and Hair -- 4.1 Bacterial Diseases. - 4.1.1 Superficial Ostiofolliculitis -- 4.1.2 Impetigo -- 4.1.3 Folliculitis Decalvans -- 4.1.4 Gram-Negative Folliculitis -- 4.1.5 Acne Necrotica -- 4.1.6 Furuncle, Furunculosis, and Carbuncle -- 4.1.7 Trichobacteriosis Palmellina -- 4.1.8 Gonococcal Scalp Abscess of the Newborn -- 4.1.9 Necrotizing Fasciitis of the Scalp -- 4.1.10 Scalp Actinomyces -- 4.1.11 Cutaneous Granular Bacteriosis -- 4.2 Fungal Diseases -- 4.2.1 Tinea Capitis -- 4.2.2 Tinea Favosa -- 4.2.3 Pityrosporum-Associated Scalp Conditions -- 4.2.4 Piedras -- 4.2.5 Fungal Tropical Diseases -- 4.3 Viral Diseases -- 4.3.1 Varicella Zoster -- 4.3.2 Herpes Folliculitis -- 4.3.3 Human Papilloma Virus-Associated

Akanthopapilloma -- 4.3.4 Molluscum Contagiosum -- 4.3.5
Cytomegalovirus -- 4.3.6 Kaposi Sarcoma -- 4.4 Parasitic Disease and
Infestations -- 4.4.1 Demodicosis -- 4.4.2 Crusted Scabies with Scalp
Involvement -- 4.4.3 Pediculosis Capitis -- 4.4.4 Phthiriasis pubis --
4.4.5 Tick Bite and Borreliosis -- 4.4.6 Cutaneous Leishmaniasis --
4.4.7 Furunculoid Myiasis -- 4.4.8 Delusion of Parasitosis -- 4.4.9
Morgellons Disease -- 5. The Hair and Scalp in Systemic Infectious
Disease -- 5.1 Bacterial Diseases -- 5.1.1 Syphilis -- 5.1.2
Tuberculosis -- 5.1.3 Leprosy -- 5.1.4 Hair Loss in Septic Shock and
Toxic Shock Syndrome -- 5.2 Fungal Diseases -- 5.2.1 Septicemic
Candida Albicans -- 5.2.2 Cryptococcosis -- 5.3 Viral Disease -- 5.3.1
AIDS -- 5.3.2 Dengue Hemorrhagic Fever -- 5.3.3 Chikungunya Virus
Disease -- 5.3.4 COVID-19 -- 6. Diagnostic Techniques -- 6.1 Clinical
Examination -- 6.2 Dermoscopy -- 6.3 Wood Lamp Examination -- 6.4
KOH (Potassium Hydroxide) Mounted Preparation -- 6.5 Microbiological
Culture Systems.-6.6 Light and Electron Microscopy -- 6.7 Polymerase
Chain Reaction -- 7 Posology, Efficacy, and Safety and Efficacy of
Antiinfectious Treatments -- 7.1 Antibiotics -- 7.2 Antimycotics -- 7.3
Virostatics -- 7.4 Antiparasitic Agents -- 8. Concluding Remarks --
Subject Index.

Sommario/riassunto

The novel viral pandemic coronavirus disease 2019 (COVID-19) has sparked uncertainties and controversies as to its origin, epidemiology, and natural course. In this situation, the medical disciplines have strived to contribute to a better understanding of the disease with the best available evidence gained from the scientific method of observation and statistics. The study of the cutaneous manifestations of COVID-19 has evolved with the hope that they may be useful as markers for the disease, for prognostication, and further insights into the pathogenesis of the disease manifestations. In the wake of COVID-19, we have decided to take a more general look at the hair and scalp in infectious disease. Specifically, we must recognize that infectious diseases have wider preconditions besides the infectious agents, to include environmental and societal factors. Unless we also take account of the ecological, immunological, and behavioral circumstances that affect the emergence and spread of infectious diseases, including those of the hair and scalp, our knowledge of the pathogens and their connection to clinical disease presentation remain only partial and incomplete. This book aims at illustrating in detail the environmental and individual preconditions, the pathogens, the clinical presentations, and the management of the infectious diseases that affect the hair and scalp, to include superficial and deep bacterial, fungal, and viral infections, infestations, systemic infectious diseases causing hair loss, their effective treatment, and their prevention. Hair in Infectious Disease offers a complete overview of infectious hair disease and guides the practitioner in the choice of the best treatment; it will be a valued companion to board-certified dermatologists and dermatologists in training.
