Bacteriology of Humans: An Ecological Perspective

Michael Wilson
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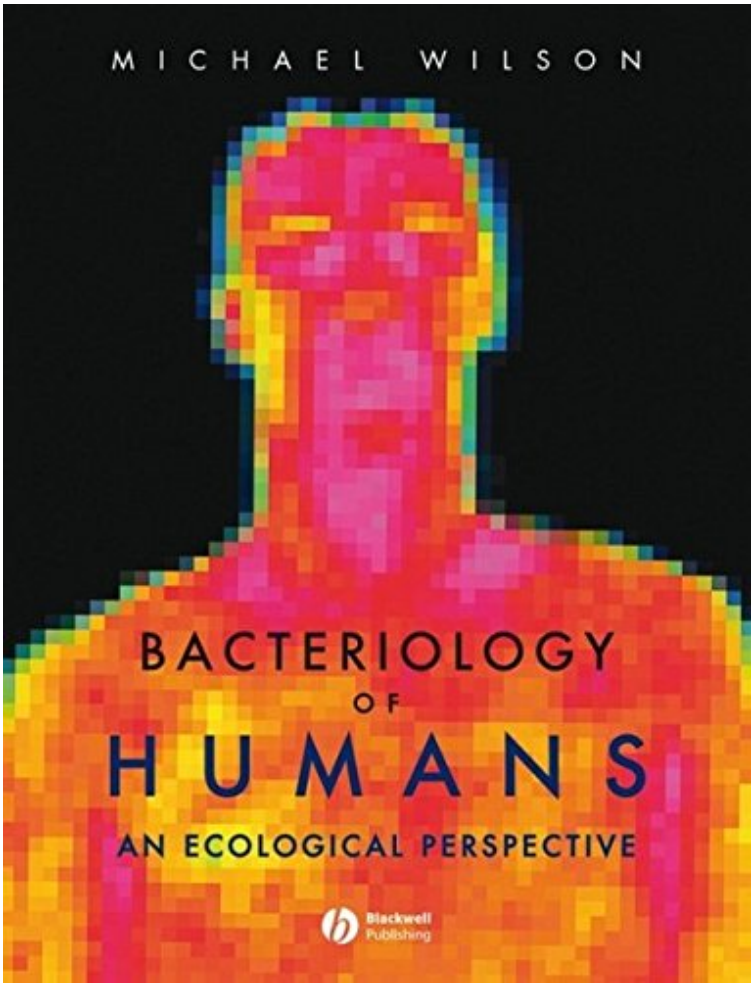

#3482364 in Books Wiley-Blackwell 2008-04-28Original language:EnglishPDF # 1 10.00 x .93 x 7.70l, 2.34 #File Name: 1405161655360 pages | File size: 40.Mb

Michael Wilson : Bacteriology of Humans: An Ecological Perspective before purchasing it in order to gage whether or not it would be worth my time, and all praised Bacteriology of Humans: An Ecological Perspective:

1st Prize, 'New Authored Books' category, Royal Society of Medicine and Society of Authors Medical Book Awards 2008 Overall, I am impressed by the up-to date information content and structure provided in Bacteriology of Humans. It is truly an ecological perspective helpful for undergraduate/graduate majors in microbiology and immunology. American Society for Microbiology, June 2009 "Wilson provides the reader with an up-to-date, comprehensive census of the indigenous microorganisms that inhabit the human body and in so doing contributes significantly to this rapidly advancing area of study. The narrative is clearly written; the index is excellent; there are numerous bibliographic citations. Each chapter is rich with tables, diagrams, color micrographs, and charts Highly recommended." Choice

Reviews "This comprehensive, yet accessible text... is an excellent and informative reference book it should be on the shelf of every major science and medical library. The content, organization, and presentation make this book a unique resource." Doody's Book Reviews Until recently, the indigenous microbiota of humans has been a relatively neglected area of microbiology with most attention being focused on those microbes that cause disease in humans, rather than on those that co-exist with us in the disease-free state. However, in the past decade research has shown that not only is the indigenous microbiota involved in protecting humans from exogenous pathogens but it is also involved in our development and nutrition. Consequently, interest has grown substantially among health professionals and scientists in analyzing and understanding these microbial (largely bacterial) communities. This comprehensive, yet accessible text provides an up-to-date guide to the development, composition and distribution of indigenous microbial communities of humans. With the aid of abundant colour figures, diagrams, tables and maps, it establishes links between the physicochemical factors prevailing at an anatomical site and the types of microbes to be found there. The book includes an introduction to the human-microbe symbiosis as well as an in-depth look at the main systems and organs of the human body that have an indigenous microbiota. Each chapter includes a list of references for further study. This is an excellent and informative reference book that is useful to anyone with an interest in microbiology, medical microbiology, microbial ecology, infectious diseases, immunology, human biology, medicine, dentistry, nursing, health sciences, biomedical sciences or pharmacy it should be on the shelf of every major science and medical library. Hallmark Features: Provides a comprehensive, yet accessible, reference book on the human microbiota Lavishly illustrated with colour figures, diagrams, tables and maps Each chapter provides a list of references to promote further study Each chapter contains links to key websites Offers an ecological approach that explains why certain organisms are associated with a particular anatomical site

Overall, I am impressed by the up-to date information content and structure provided in Bacteriology of Humans. It is truly an ecological perspective helpful for undergraduate/graduate majors in microbiology and immunology. (American Society for Microbiology, June 2009) Wilson provides the reader with an up-to-date, comprehensive census of the indigenous microorganisms that inhabit the human body and in so doing contributes significantly to this rapidly advancing area of study. The narrative is clearly written; the index is excellent; there are numerous bibliographic citations. Each chapter is rich with tables, diagrams, color micrographs, and charts .Each section serves as a valuable resource for understanding the influence of microbes on human health and disease. Highly recommended. (Choice s, December 2008) This comprehensive, yet accessible text provides an up-to-date guide to the development, composition and distribution of these microbial communities. This is an excellent and informative reference book it should be on the shelf of every major science and medical library. The content, organization, and presentation make this book a unique resource. The author introduces a valuable framework for understanding the important role that the indigenous human microflora plays. (Doody's Book s, October 2008)From the Back CoverUntil recently, the indigenous microbiota of humans has been a relatively neglected area of microbiology with most attention being focused on those microbes that cause disease in humans, rather than on those that co-exist with us in the disease-free state. However, in the past decade research has shown that not only is the indigenous microbiota involved in protecting humans from exogenous pathogens but it is also involved in our development and nutrition. Consequently, interest has grown substantially among health professionals and scientists in analyzing and understanding these microbial (largely bacterial) communities. This comprehensive, yet accessible text provides an up-to-date guide to the development, composition and distribution of indigenous microbial communities of humans. With the aid of abundant colour figures, diagrams, tables and maps, it establishes links between the physicochemical factors prevailing at an anatomical site and the types of microbes to be found there. The book includes an introduction to the human-microbe symbiosis as well as an in-depth look at the main systems and organs of the human body that have an indigenous microbiota. Each chapter includes a list of references for further study. This is an excellent and informative reference book that will be useful to anyone with an interest in microbiology, medical microbiology, microbial ecology, infectious diseases, immunology, human biology, medicine, dentistry, nursing, health sciences, biomedical sciences or pharmacy it should be on the shelf of every major science and medical library.About the AuthorMichael Wilson is a Professor of Microbiology in the Faculty of Biomedical Sciences at University College London and is Director of the Eastman Centre for Microbial Diseases within this university. He holds a PhD in Microbiology from University College Galway, Ireland, a Doctor of Science from the National University of Ireland and is a Fellow of the Royal College of Pathologists. He has written and/or edited eight books and published more than 270 scientific papers in the fields of microbiology and infectious diseases.