Howard Gest. Microbes: An invisible Universe,

During the past decade, a wide range of books has addressed the topic of the infinitesimal organisms and their interactions with higher beings. In Microbes: An invisible Universe, Howard Gest attempts to put this topic into a format appropriate for easy understanding. The book is sufficiently well done to stand as an introductory reading material in Microbiology, for non-scientists as well as for beginners in this branch of science.

The Microbes: An invisible Universe is relatively compact and quite informative. The book has many photographs and illustrations that bring the text to life, including unique photographs from field situations. In 220 pages and 24 chapters, the author manoeuvers through the basic principles of microbiology, microbial biochemistry, and infectious diseases. An unusual and welcome addition is the appendices that follow these chapters, which deal with certain fascinating facts and details.

Within the limits of the compact framework of this book, Howard Gest has briefly but successfully dealt with the exciting events that lead to the development of microbiology. In the initial chapters, he has touched upon the history behind the discovery of microbes and the development of microbial identification and maintenance techniques. The latter chapters aim to acquaint the reader with various microbes that utilize diverse biochemical pathways for survival and the extraordinary ecology and lifestyles of these organisms. The final chapters deal with microbial infections and the methods to prevent these infections. A chapter has been devoted to briefly introduce the basic molecular mechanisms of the microbial world and the new vistas in microbial biotechnology.

The topics and organization in the book comprise characteristics well suited for a novice in the field of Microbiology. Through the 24 chapters, the author in a very simple way navigates through the history and development of this branch of science, and the text is well interlaced with historical anecdotes, priceless photographs and thought provoking cartoons. Students will find the “Biographical notes” as well as the “Glossary” quite interesting and useful. The author also provides suggestions for further reading that might be helpful for instructors.

Although this book provides an informative summary of principles that are quite useful for a basic course in microbiology, the abbreviated treatment is an unavoidable shortcoming. This book might prove unsatisfactory in situations where detailed descriptions of microbiological procedures, chemical principles, metabolic pathways or molecular mechanisms etc. are required. This book could well serve any science-interested audience. The text would be an excellent choice for schools, provided that students are given supplemental readings wherever required.

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Books: A true story. Book reviews and some (mostly funny) true stories of my life. Home. Blog. I really liked the writing in The Invisible Man, but I thought the storytelling was awful. H. G. Wells has a way with words and I really enjoyed his turn of phrase. Phrases like “the inhuman bludgeoning of all tentative advances of curiosity (p. 19),” “violently firing out its humanity (p. 33),” and “The Anglo-Saxon genius for parliamentary government asserted itself; there was a great deal of talk and no decisive action (p. 28).” Although predictable at times, The Invisible Guest has enough twists and turns to keep you captivated until the truth is revealed.

February 9, 2017 | Rating: 3/4 | Full Review Crystal Contreras. Willamette Week. View All Critic Reviews (9). Audience Reviews for The Invisible Guest. There are no featured reviews for because the movie has not released yet (!). See Movies in Theaters. The percentage of Approved Tomatometer Critics who have given this movie a positive review. About Audience Score. The percentage of users who rated this 3.5 stars or higher. Microbes might be tiny and hard to see, but they account for a large percentage of Earth's biodiversity. They have been living on the planet for 3.8 billion years compared to 200,000 for humans, and for most of the Earth’s existence, they have been the only form of life around. In fact, all life on Earth today, including trees and fish and people, is thought to have evolved from the earliest microbes. Microbes book. Read reviews from world’s largest community for readers. Introduces the general public to the microbial universe, stressing the essential ... Goodreads helps you keep track of books you want to read. Start by marking “Microbes: An Invisible Universe, Revised Edition” as Want to Read: Want to Read saving… Want to Read. A new book offers a visual celebration microbes, which have shaped life on Earth for eons and make our own lives possible. Consider that alongside Kolter and Chimileski’s trip into the invisible and be amazed. The book seems like the perfect way to admire and celebrate their constructive and sometimes deadly beauty. Check it out here. About the author. Jesus Diaz founded the new Sploid for Gawker Media after seven years working at Gizmodo, where he helmed the lost-in-a-bar iPhone 4 story. He’s a creative director, screenwriter, and producer at The Magic Sauce and a contributing writer at Fast Company. More.