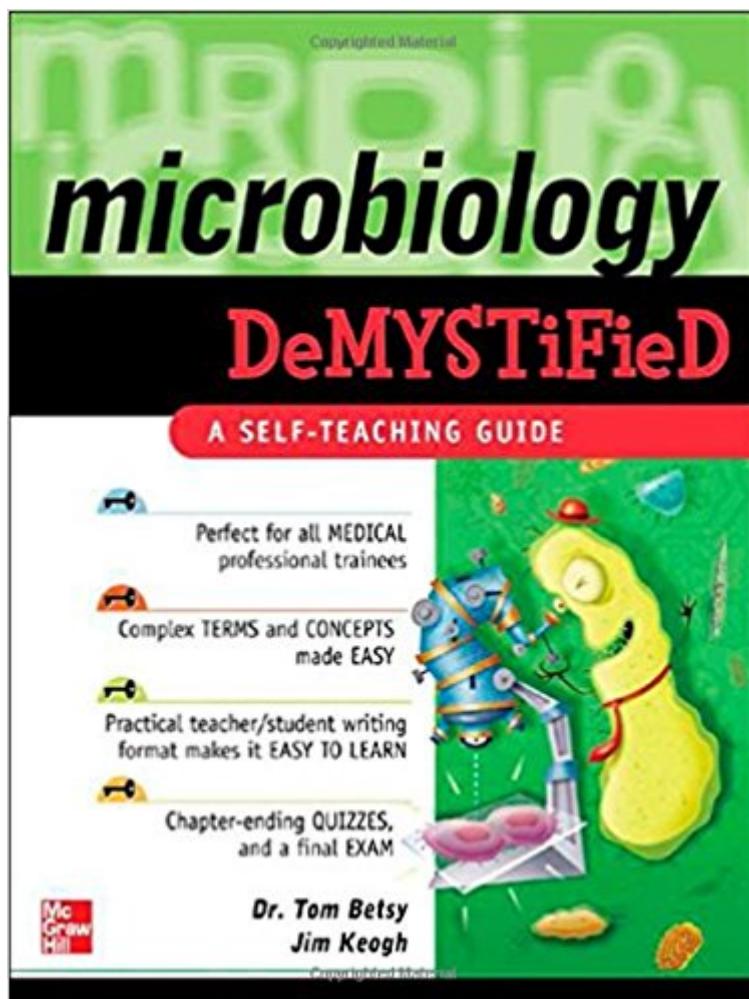


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# Microbiology Demystified



## **Synopsis**

The high demand for nurses and other medical professionals has resulted in a dramatic enrollment increase in nursing schools and colleges who offer medical training. All these students are required to pass a course in microbiology, which tends to trip up many students. The proposed book will demystify the complex topic of microbiology in a way that students will gain the necessary skills required for several different branches of the medical profession.

## **Book Information**

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## **Customer Reviews**

PUT MICROBIOLOGY UNDER THE MICROSCOPE You don't need to be intimidated by microbiology, stumbling block to many a health sciences student. Now anyone can master the world of tiny little critters -- without expensive tutors, unlimited time, or a genius IQ. In *Microbiology Demystified*, health sciences professor Tom Betsy and *Demystified* series veteran Jim Keogh provide an effective and painless way to learn and review microbiology. You'll cover the core material of a standard textbook -- without the confusion and frustration. With *Microbiology Demystified*, you master the subject one step at a time -- at your own speed. Unlike most books on microbiology, general concepts are presented first -- and the details follow. This unique self-teaching guide gives you a quiz at the end of each chapter to reinforce learning and pinpoint weaknesses -- and a 100-question "final exam" to review the entire book. This heavily illustrated and entertaining self-teaching tool gives you everything you need to: Painlessly master all major

microbiology concepts, in the order they are taught by standard texts. Decipher complex terms and ideas, with a fun, easy-to-read format. Learn microbiology from an expert teacher partnered with a writer who takes the student's point of view. Conquer single-celled and multicellular microorganisms. Get friendly with viruses, viroids, prions, fungi, algae, and more. Learn microbes' role in disease and disease transmission. Find out about the immune response and drugs that combat microbial infections. Take a "final exam" and grade it yourself! A fast, effective, and fun way to learn microbiology, *Microbiology Demystified* is the perfect shortcut to a deeper understanding of the world of super-small creatures and their role in health and disease.

Tom Betsy, D.C., teaches microbiology, anatomy, physiology, and other courses in the nursing and allied health programs at Bergen Community College in northern New Jersey. Dr. Betsy is widely admired by his students for his ability to simplify complex subjects. He lives in Hillsdale, New Jersey. Jim Keogh is a writer and teacher of computing at Columbia University. He is the author of more than 60 books. This is the seventh book in the *Demystified* series that he has authored. The others are *Pharmacology Demystified*, *JavaScript Demystified*, *ASP.NET Demystified*, *Data Structures Demystified*, *OOP Demystified*, and *Java Demystified*. He lives in Ridgefield Park, New Jersey.

I bought this book to help with a Microbiology class I need for nursing. Some of the more important things we are doing in lab (staining and cultures) have little detail or are not mentioned at all. For example, they mention MacConkey agar but not the others that we are being tested on. Chemical metabolism has some details, but not enough about ATP production. This book has helped clarify some things, but I have not been able to use it to the extent that I would have hoped.

This book offers a lively introduction to microbiology for beginners. It is very informative and many interesting topics are covered. In particular, I enjoy reading about microbial genetics, recombinant DNA technology (genetic engineering, gene therapy, DNA fingerprinting, industrial & agricultural applications), immune system, antimicrobial drugs and its activity. However, it is disappointing to find a few typos.

This book clarifies and simplifies highly technical science writing into completely comprehensible concepts without "dumbing down" the text. It's a great review for those who are familiar with Microbiology, and a wonderful summary for those who are just learning it. *Microbiology Demystified*

is a great investment for any science student!

Very helpful for my Infectious Disease Control class.

Even before I began this course I was terrified. Just the word "Microbiology" terrified me. This textbook is wonderful. It is easy to understand and it makes the course material fun to learn. I would definitely recommend this textbook for any beginning Microbiology course.

It was very vague.. But i passed the test

Great

I'm going back for a second degree after 21 years. This book is very easy to understand and will make my class a lot easier and enjoyable. Great seller, quick shipping. I would highly recommend.

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