

LIFE SCIENCE

The **Practical Handbook of Microbiology** presents basic knowledge about working with microorganisms in a clear and concise form. It also provides in-depth information on important aspects of the field—from classical microbiology to genomics—in one easily accessible volume.

This new edition retains the easy-to-use format of previous editions, with a logical presentation of frequently used reference data that enables readers to rapidly locate the information needed.

New chapters have been included in this edition, including a noteworthy one on the business aspects of microbiology that has been added to address the needs of investors looking to understand the science behind companies that they are contemplating funding and scientists that are interested in commercializing their research. In addition, chapters have been added on new microorganism-based disease and pathogenic mechanisms.

All chapters from the previous edition have been revised and updated. Major topics covered include almost all studied bacteria, and introductions to fungi, parasites, and viruses, as well as methods of culture collection, enumeration, and preservation of microorganisms, diagnostic medical microbiology, mechanisms of antimicrobial agents, and antibiotics and antifungal agents.

Although this book will be of use to anyone interested in the subject matter, it will be of particular benefit to specialized microbiologists as well as those who simply use microbiology as an adjunct to their own discipline, in finding relevant information quickly and easily.



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6000 Broken Sound Parkway, NW
Suite 300, Boca Raton, FL 33487
711 Third Avenue
New York, NY 10017
2 Park Square, Milton Park
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