

Techniques in Microbiology: A Student Handbook provides concise and clearly illustrated instructions for carrying out fundamental manipulations and procedures in the microbiology laboratory. Included are the skills considered essential in Recommendations for the Introductory Microbiology Laboratory Core Curriculum prepared by members of the education community in the American Society for Microbiology.

The goal of this handbook is to assist students with the basic techniques needed to culture, grow, and characterize bacteria by utilizing graphical presentations along with brief bits of accompanying text to clearly illustrate each step in a given procedure.

Each technique begins with a purpose followed by a list of materials needed. Many techniques conclude with a "Troubleshooting" section that provides solutions for common mistakes. Safety alerts and cautions are included at the beginning of the handbook as well as at the end of each procedure.

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ISBN 0-13-224011-4



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