

Preface

Microbiology is a field of science that explores the unseen world of microorganisms, examining their structures, functions, roles in ecosystems, and impacts on human health. This module aims to provide a comprehensive introduction to the fundamental concepts of microbiology, emphasizing the diversity of microbial life, the mechanisms by which microorganisms interact with their environments, and the methods used to study them. By delving into the microscopic world, students will gain a deeper understanding of the significance of microbes in both beneficial and harmful contexts, laying a foundation for careers in healthcare, research, biotechnology, and environmental science.

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