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Nota di contenuto	Chapter 1. Microbial metabolomics: a futuristic approach in biotechnology -- Chapter 2. Microbial metabolomics: development, applications and future prospects -- Chapter 3. Microbial metabolite

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Sommario/riassunto

This book explores the potential of microbial metabolism in health, agriculture, and environmental technologies, serving as a comprehensive guide to microbial metabolomics with practical applications. It uncovers the complex biochemical processes of microbes, from bacteria to fungi, revealing their impact on biotechnology, environmental sciences, healthcare, and agriculture. Microbes, the unseen drivers of biological processes, offer innovative solutions across these fields. The book examines the rapid advancements in microbial metabolomics and addresses challenges like data integration and metabolite identification, providing insights to unlock its full potential. It caters to the growing demand for advanced resources in microbiology and biotechnology, making it valuable for researchers, students, and professionals in microbiology, biotechnology, and biochemistry, as well as innovators in food security and green technology.
