



Understanding Microbes: An Introduction to a Small World

By Jeremy W. Dale



Understanding Microbes: An Introduction to a Small World By Jeremy W. Dale

We can't see them, but microbes are the dominant form of life on Earth. They make up half of the world's biomass. They were here billions of years before we were, and they will be here after we are gone. Without their activity, life as we know it would be impossible. Even within our own bodies, there are ten times as many bacterial cells as human cells. *Understanding Microbes* provides a clear, accessible introduction to this world of microbes.

As well as looking at a selection of infectious diseases, including how they are prevented and treated, the book explores the importance of microbes in the environment, in the production and preservation of food, and their applications in biotechnology.

This lively and engaging book provides the basics of microbiology, in a contemporary context. It will be equally useful for students across the biological, environmental and health sciences, and for the curious reader wanting to learn more about this fascinating subject.

- A highly-readable, concise introduction to the basics of microbiology placed in the context of the very latest developments in molecular biology and their impact on the microbial world.
- Numerous real-world examples range from how cows digest grass to the role of microbes in cancer and the impact of climate change
- Well-illustrated in full colour throughout.
- Written by an Author with a proven track record in teaching, writing and research.

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Editorial Review

Review

“The book encourages a better understanding of the microbial world with many practical implications in biotechnological phenomena that will be the foundation of the next years. Also, the book gives interesting information about the lessons from nature and presents excellent and suggestive illustrations.”

(Environmental Engineering and Management Journal, 1 February 2014)

“The author does not sacrifice accuracy when clearly and concisely presenting the latest developments in molecular biology, food microbiology, microbial evolution, biotechnology, etc. Summing Up: Highly recommended. Lower- and upper-division undergraduates and general readers.” *(Choice, 1 August 2013)*

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