



## Microbes for Human Life , 1/e

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### About the Book

The human body contains 20 times more microbes than it does cells and in each cell there are about 10 microbes. Approximately 99% of the viruses and bacteria inhabiting our body are yet to be identified. Some of our colonists, viruses in the cells of our brain influence even our thoughts and feelings. This book illustrates how microbes and human life go hand in hand.

Microbes for Human Life elaborates the relevance of microbes and their role in everyday human life? microbes in food production and agriculture, in biotechnology and industry, and in ecology and environment. It also discusses some of the negative impacts of microbes on our world, such as their role in causing diseases and bio-terrorism. But the primary focus is on how microbes, in their incredible variety, are essential to human life. The book presents the many ways in which we intentionally, and at times unintentionally, utilize microbes to improve our lives and enhance our life experience.

### Salient Features

- ▶ Compilation of 26 articles, the book discusses the history of microbes and goes on to discuss the various microbes that are beneficial and harmful to humankind.
- ▶ Major highlights of the book are medicinal plants and fermented food; common diseases like malaria, typhoid, candidiasis, bird-flu, SARS and their management and control aspects; multidrug resistance; and research into microbial management of pollution, novel antibiotic, proteomics and genomics, and so on
- ▶ The articles are well supported with line diagrams, pictures, and tables, and are interweaved, illustrating the interaction of microbes with humans.

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#### **About the Author**

**Ashok K. Chauhan** :- Ashok K Chauhan, Ph.D. Polymer Chemistry (Germany), is the founder President of Ritnanad Balvaed Education foundation, an umbrella organization of Amity Group of Institutions. Under the guidance of Dr Chauhan the Amity group expanded into higher education and within a few years has grown to serve more than 60,000 full-time students across 22 campuses, offering more than 130 courses at undergraduate and postgraduate level. Over the years. Dr Chauhan has won numerous honors and awards in Europe and India. Dr Chauhan has founded and leads a multitude of educational and philanthropic institutions, including the Europa India Foundation, Amity Humanity Foundation, Amity Research Foundation and Ritnanad Balved Medical Foundation.

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