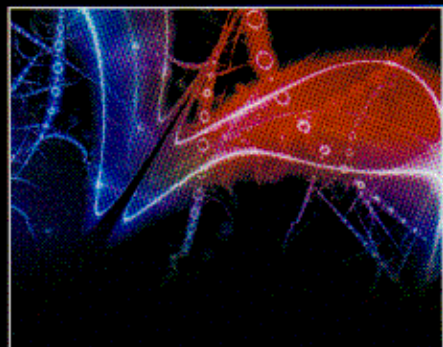


BIOLOGY OF USEFUL PLANTS AND MICROBES

Editor
Arnab Sen



BIOLOGY OF USEFUL PLANTS AND MICROBES encompasses the coordinated interaction between plants and microbes. The twenty eight chapters included in this book are broadly classified into two parts. The first part deals with classical biology of economically important plants and microbes including both the research and review articles covering broad areas of biological research including physiology and biochemistry of medicinal plants, taxonomy of economically important plants and microbes, molecular biology, biochemical characterization of plant and microbial products, pharmacognosy, plant tissue culture, ethno botany, phytoremediation, plant growth promoting rhizobacteria, fungi etc., while the second part is more about the modern tools and techniques of Bioinformatics and their application in studying various plants and microbes and plant-microbe interactions and includes the study of biological information using concepts and methods of computational biology and computer sciences. Research on structural biology, codon usage, cloud computing, data mining, gene expression analysis etc. are presented in this section.

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