

Progress in Mycology

Mahendra Rai George Kövics



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Preface

The people have been using fungi since ancient times. On one hand, fungi are responsible for causing plant and human diseases, while on the other hand, they are beneficial to human kind. There have been tremendous biotechnological advancement in the field of fungi in the last two decades. Various applications of the fungi include drugs, dyes, single-cell protein and growth promoters. Advancement in the field of molecular biology, proteomics and genomics have unravelled various doubts and provided new insights in the field of genetic improvement, transformations and phylogenetic relationship of different genera and species. Fungi are not only involved in production of single-cell protein, wine, beer and antioxidants but also used for bioremediation, growth promotion, as biosensors and fabrication of eco-friendly silver and gold nanoparticles. Some of these issues have been addressed in the present book.

The present book is aimed to provide the readers with current trends in the field of Mycology in general and fungal biotechnology in particular.

The book would be of utmost importance to students, researchers and teachers of botany, mycology, microbiology, medical microbiology, fungal biotechnology and nanotechnology. The readers should find the book full of information and reader friendly.

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