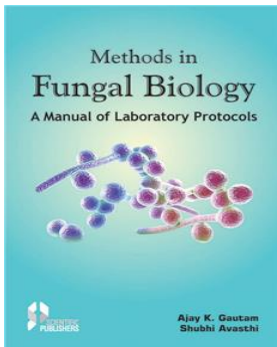


Methods in Fungal Biology: A manual of Laboratory Protocols

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Blurb

Fungi are one of the important components in the biosphere, ubiquitous in nature and essential in recycling of nutrients in all type of habitats. These organisms play key role as decomposers, phytopathogens, symbionts and in elemental cycles. Despite of their important roles in the biosphere, it is important to explore all categories of fungi. This manual is designed to provide detailed information on methods of fungal isolation and identification from various substrates. The book is comprised in three parts where first part contains information about instrumentation, techniques, stains, cultures and reagents; second part describe about fungal isolation and identification while, third part depicts about cryopreservation methods, safety norms and regulations in handling fungal specimens as well as about bibliography. Almost all the techniques used in isolation and identification of fungi from various substrates viz. soil, water, air, indoor environment, plant tissues, plant rhizosphere and stored materials are provided in complete detail. Identification keys of fungi are also covered and compiled in this book. This book has complete basic information on experimental mycology which makes it useful for undergraduate, post graduate and beginners in this scientific and interesting field of fungal studies.

Table of Contents

Preface

Introduction

Part A: Instrumentation, techniques, stains, cultures and reagents

1. Instrumentation: types and functions
2. Techniques: Sterilization, Disinfection and Antisepsis
3. Cultures, Stains and Reagents

Part B: Fungal isolation and identification

4. Fungi: general description on taxonomy, structure and life cycle
5. Collection and processing of fungal samples
6. Isolation of fungi from diverse sources:
 - Enumeration of fungi from plants as endophytes
 - Enumeration of fungi from plants as mycorrhiza
 - Enumeration of lichenicolous fungi.
 - Enumeration of fungi from Soil
 - Enumeration of freshwater and marine fungi
 - Enumeration of fungi from environment
 - Enumeration of keratinophilic fungi
 - Enumeration of field and storage fungi
 - Enumeration of fungi causing plant diseases: black and powdery mildew rust & smut
7. Identification of fungi: morphological, microscopic and molecular methods.

Part C: Preservation, Safety norms and Appendix

8. Methods of long term in fungi
9. Safety norms, regulations and precautions in mycological studies
10. Appendix: Stains, Cultures and Reagents
11. Bibliography

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