

Fungi

Editor

Kevin Kavanagh

National University of Ireland, Maynooth

Biology and Applications

Second Edition

Fungi: Biology and Applications, Second Edition provides a comprehensive, introductory treatment of fungi, covering biochemistry, genetics and the medical and economic significance of these organisms. With no prior knowledge of the subject assumed, the opening chapters offer a broad overview of the basics of fungal biology, in particular the physiology and genetics of fungi and also a new chapter on the application of genomics to fungi. The book then moves on to include detailed coverage of topics such as antibiotic and chemical commodities from fungi, new chapters on biotechnological use of fungal enzymes and fungal proteomics, and fungal diseases of humans, antifungal agents for use in human therapy and fungal pathogens of plants.

- Fully updated and including three new chapters on Applications of Genomics to Fungi, Biotechnological use of Fungal Enzymes and Fungal Proteomics
- Comprehensive treatment of the medical and economic importance of fungi to everyday life
- Invaluable for undergraduates taking a first course on fungal biology or mycology
- Written by internationally respected experts in the field
- Colour plate section

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