

Microbial Resources: From Functional Existence in Nature to Applications

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Microbial Resources: From Functional Existence in Nature to Applications (Elsevier, ISBN 978-0-12-804765-1) provides an exciting interdisciplinary journey covering sustainable use of microbial resources stemming from sound understanding on their functional existence in nature, and utilising this knowledge for industrial and biotechnological applications. Examples include: (1) molecular detection, culturing and preservation of bioactive microorganisms, (2) socioeconomic value deriving from their industrial use, as well as (3) legal perspectives related to socioeconomic benefit sharing by all stakeholders, having effectively contributed to the detection, preservation and exploitation of such microbiological material. The book:

- Covers aspects of foundational information related to microbiology, microbial ecology, and diversity as well as providing insight into new advances in molecular microbiology,
- Provides information on the sustainable utilisation of microbial resources for biodiscovery and biotechnology,
- Covers legislative issues, policies and related law related to biodiscovery,
- Fulfils a need for multidisciplinary researchers and is a valuable resource for microbiologists working in the fields of applied and industrial microbiology,
- Has significant value due to the inclusion of comprehensive coverage of applied microbiology, microbial ecology, physiology and metabolism, also provides guidance and highlights potential career paths for researchers.

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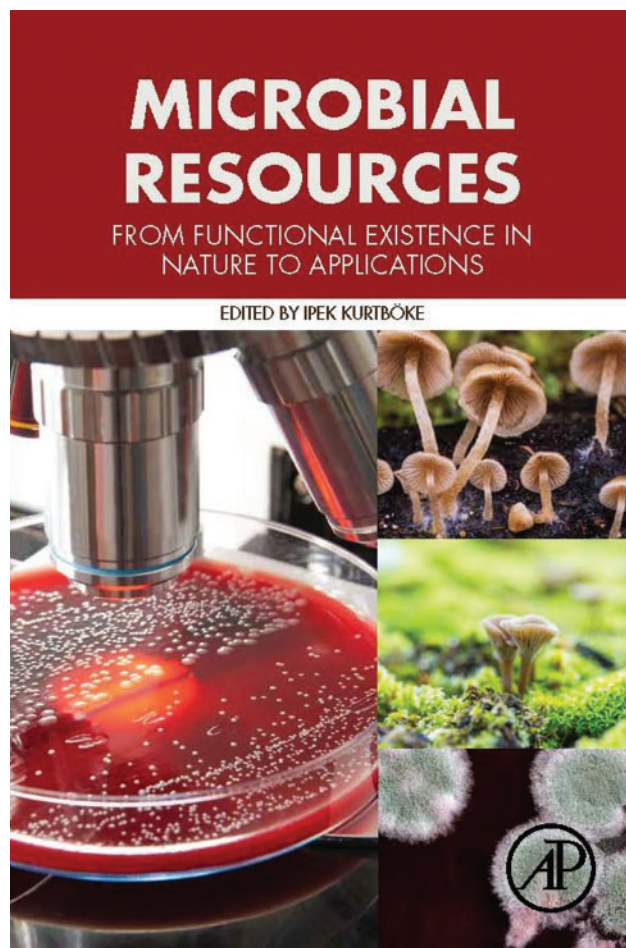
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