

MICROBIAL RESOURCES

FROM FUNCTIONAL EXISTENCE IN
NATURE TO APPLICATIONS

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Microbial Resources: From Functional Existence in Nature to Applications provides an exciting interdisciplinary journey through the rapidly developing field of microbial resources, and relates aspects of microbiology from functional existence of microorganisms in nature to the transformation of this knowledge at industrial and application level, covering different and multidisciplinary aspects. Examples include economic perspectives on revealing the potential value of microbial material and figuring it into socio-economic value, and legal perspectives on how to organize a fair allotment of socio-economic benefits to all stakeholders, having effectively contributed to the preservation, study and exploitation of microbiological material.

- Covers aspects of foundational information related to microbiology, microbial ecology, and diversity as well as new advances in microbial genomics
- Provides information on the utilization of microbial resources in biotechnology
- Covers legislative issues and related law in biodiscovery
- Fulfills a need for a very broad audience and is a good resource for microbiologists to know the extent of microbiological approaches, the policies associated with microbiology, and potential career paths for researchers
- Has significant value due to the inclusion of comprehensive coverage of the biology, ecology, biochemistry, and international legislation surrounding these applications



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