

Comprehensive and multidisciplinary presentation of the current trends in trace elements for human, animals, plants, and the environment

This reference provides the latest research into the presence, characterization, and applications of trace elements and their role in humans, animals, and plants as well as their use in developing novel, functional feeds, foods, and fertilizers. It takes an interdisciplinary approach to the subject, describing the biological and industrial applications of trace elements. It covers various topics, such as the occurrence, role, and monitoring of trace elements and their characterization, as well as applications from the preliminary research to laboratory trials.

Recent Advances in Trace Elements focuses on the introduction and prospects of trace elements; tackles environmental aspects such as sources of emission, methods of monitoring, and treatment/remediation processes; goes over the biological role of trace elements in plants, animals, and human organisms; and discusses the relevance of biomedical applications and commercialization.

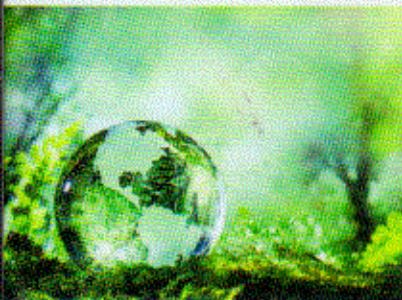
- A compendium of recent knowledge in interdisciplinary trace element research
- Uniquely covers production and characterization of trace elements, as well as the industrial and biomedical aspects of their use
- Paves the way for the development of innovative products in diverse fields, including pharmaceuticals, food, environment, and materials science
- Edited by well-known experts in the field of trace elements with contributions from international specialists from a wide range of areas

Unique in presenting comprehensive and multidisciplinary information of the key aspects of trace elements research in a digestible form, this book is essential reading for the novice and expert in the fields of environmental science, analytical chemistry, biochemistry, materials science, pharmaceutical science, nutraceutical, and pharmaceutical sciences. It is also valuable for companies that implement new products incorporating trace elements to the market.

About the Editors

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