

TERPENOIDS AGAINST HUMAN DISEASES

Terpenoids, the principal group of phytochemicals, are traditionally used in several Asian countries for their medicinal properties. A large number of terpenoids have exhibited beneficial effects against human diseases. Owing to their functional diversity in treatment of human disease terpenoids have garnered lot of interest to the researchers. Over the last few decades, a large amount of work has been carried out in the field of terpenoids and simultaneously has been reported in medical literature. This book has several topics ranging from the discovery of different terpenoids to the application of terpenoids against human diseases in a single set of volume. This huge compilation will act as catalyst for enhanced research in terpenoids.

FEATURES

- This book highlights how terpenoids act as Biological Messenger in different cell signaling pathway.
- How terpenoids are used as therapeutics in human diseases like immunological diseases, infectious diseases, neurodegenerative diseases, cancer, cardiovascular diseases, and liver diseases has been noted in detail.
- Metabolic engineering approach towards optimized terpenoids production in plants is another key highlight.
- Toxicity study of different terpenoids in human health is emphasized.

This book serves as a reference book for scientific investigators who are excited to evaluate the effectiveness of terpenoids against human diseases as well as researchers developing methodology and optimizing protocols in this field. This book could further be used as a textbook for postgraduate level courses like Organic Chemistry, Natural Product Chemistry, Medicinal Chemistry, Pharmaceutical Chemistry, Pharmacy, Physiology, Pathology, Biochemistry, Biotechnology, Metabolic Engineering, Toxicology and Nutrition.



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