Extracellular Glycolipids of Yeasts

Description: Extracellular Glycolipids of Yeasts: Biodiversity, Biochemistry, and Prospects provides a comprehensive view of the biochemistry, biological activity, and practical application of extracellular glycolipids of yeast. This book brings much-needed clarity to the complex topic of glycolipids and streamlines the rather confusing terminology used for glycolipids. It also provides a wealth of modern data on their composition, structure and properties, biosynthetic pathways, methods of isolation and identification, antifungal activity, and mechanisms of action.

Studies of extracellular glycolipids of yeast now draw the attention of researchers in life science and biotechnology due to numerous recently revealed biological properties of these compounds. These compounds are scientifically and practically promising in medicine and agriculture due to their biosurfactant and fungicidal properties, as well as a number of other biological activities. Extracellular Glycolipids of Yeasts gives researchers studying biochemistry of microorganisms and related biologically active compounds a much-needed guide to the basic data that will aid in these increasingly generative pursuits.

- Provides a clear overview of the basic data on yeast biosurfactants using a simple survey-style approach
- Delivers comprehensive view of biochemistry, biological activity, and practical application of yeasts to aid in their scientific and practical use
- Clarifies and simplifies the complex topic of glycolipids, and its often-confusing terminology

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