Everything needed to understand the vast applications of this multi-functional glucan

Chemistry, Biochemistry, and Biology of (1→3)-β-Glucans and Related Polysaccharides

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KEY FEATURES:
* Topics of medical relevance include detailing the glucans' interactions with the immune system and research for cancer therapy applications
* Web resource links allow scientists to explore additional beta glucan research
* Separate indexes divided into Species and Subject for enhanced searchability

DESCRIPTION:
The book presents a comprehensive, systematic and authoritative survey of information about a family of chemically related, but functionally diverse, naturally occurring polysaccharides- the (1-3)-glucans. International contributors describe the chemical and physicochemical properties of these glucans and their derivatives and the molecular biological and structural aspects of the enzymes involved in their formation and breakdown. A detailed analysis of their physiological roles in the various biological situations in which they are found will be provided. Additionally, evolutionary relationships among the family of these glucans will be described.
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