

Advanced Applications of Polysaccharides and their Composites

Eds. Amir Al-Ahmed and Inamuddin

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Polysaccharides and their composites are highly promising materials for food, pharmaceutical and biomedical applications; including drug delivery, tissue engineering and packaging.

Keyword: Polysaccharides, Polysaccharide Composites, Drug Delivery, Tissue Engineering, Pharmaceutical Packaging, Food Packaging, Environment Friendly Materials, Nontoxic Materials, Wound-Healing Sponge, Skin Lesions, Chitosan Composites, Nanocellulose, Starch-Based Composites

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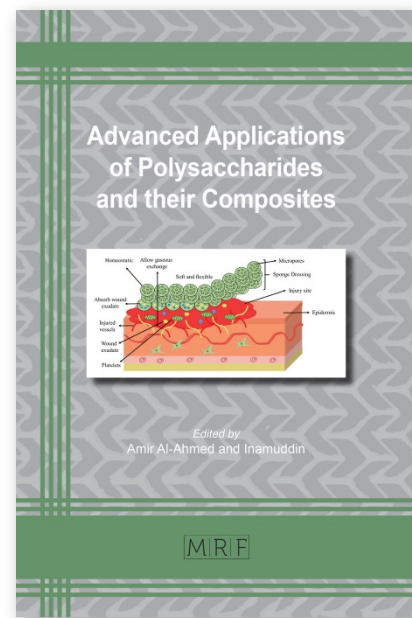
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Summary:

Polysaccharides and their composites are highly promising materials for food, pharmaceutical and biomedical applications; including drug delivery, tissue engineering and packaging. Fiber- and nano-reinforced composites are good alternatives to non-biodegradable petroleum-based polymers. The great advantage of these materials is that they are both environment friendly and nontoxic.



Book Information

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