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Altri autori (Persone)	NarainRavin
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Nota di contenuto	(Publisher-supplied data) Synthesis of Glycopolymers / Samuel Pearson, Gaojian Chen, and Martina H. Stenzel -- Block Glycopolymers and their Self Assembly Properties / Qian Yang -- Cationic Glycopolymers / Marya Ahmed and Ravin Narain -- Glycopolymer Bioconjugates / Marya Ahmed and Ravin Narain -- Glycopolymers Functionalized Carbon Nanotubes / Marya Ahmed and Ravin Narain -- Glyconanoparticles: New Nanomaterials for Biological Applications / Isabel Garcia, Juan Gallo, Marco Marradi, and Soledad Penad's -- Glycodendrimers and Their Biological Applications / Elizabeth R. Gillies -- Glycosurfaces / Anca Mateescu and Maria Vamvakaki -- Carbohydrate-derived Hydrogels and Microgels / Mitsuhiro Ebara -- Modified natural polysaccharides as nanoparticulate drug delivery devices / Archana Bhaw-Luximon.

"This book addresses the need for a comprehensive book on the design, synthesis, and characterization of synthetic carbohydrate-based polymeric materials along with their biological applications. The first two chapters cover the synthesis and self-assembly of glycopolymers and different techniques for creating these synthetic polymers. Subsequent chapters account for the preparation of block copolymers, branched glycopolymers, glycosurfaces, glycodendrimers, cationic glycopolymers, bioconjugates, glyconanoparticles and hydrogels. While these chapters comprehensively review the synthetic and characterization methods of those carbohydrate-based materials, their biological applications are discussed in detail."--Provided by publisher.
