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Nota di contenuto	Introduction to Chitooligosaccharides --Chemical Preparation of ChitoOligosaccharides --Enzymatic Production of Different Types of Chitooligosaccharides --Enzymatic Production of Different Types of Chitooligosaccharides.
Sommario/riassunto	This book outlines the production of chitooligosaccharides and their derivatives and discusses their main biological activities, biomedical applications and their role in disease prevention. Chitooligosaccharides are products of chitosan or chitin degradation, prepared by enzymatic or chemical hydrolysis of chitosan, and they consist mainly of N-acetyl glucosamine and glucosamine bonded with a glycosidic bond. Compared to chitin and chitosan, chitooligosaccharides offer advantages for large-scale and commercial applications due to their solubility in water and lower molecular weight. Written by leading experts, this book is divided into four parts.