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Sommario/riassunto

Since the publication of the first edition of Chemistry of Protein Conjugation and Cross-Linking in 1991, new cross-linking reagents, notably multifunctional cross-linkers, have been developed and synthesized. The completion of the human genome project has opened a new area for studying nucleic acid and protein interactions using nucleic acid cross-linking reagents, and advances have also been made in the area of biosensors and microarray biochips for the detection and analysis of genes, proteins, and carbohydrates. In addition, developments in physical techniques with unprecedented sensitivit