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Aldehydes; 7. Bis-epoxides; 8. Homobifunctional Hydrazides; 9. Bis-diazonium Derivatives; 10. Bis-alkylhalides; Chapter 5. Heterobifunctional Cross-linkers; 1. Amine-Reactive and Sulfhydryl-Reactive Cross-linkers; 2. Carbonyl-Reactive and Sulfhydryl-Reactive Cross-linkers; 3. Amine-Reactive and Photoreactive Cross-linkers; 4. Sulfhydryl-Reactive and Photoreactive Cross-linkers; 5. Carbonyl-Reactive and Photoreactive Cross-linkers; 6. Carboxylate-Reactive and Photoreactive Cross-linkers; 7. Arginine-Reactive and Photoreactive Cross-linkers Chapter 6. Trifunctional Cross-linkers; 1. 4-Azido-2-nitrophenylbiocytin-4-nitrophenyl ester; 2. Sulfo-SBED; Chapter 7. Cleavable Reagent Systems; 1. Cleavage of Disulfides by Reduction; 2. Periodate-Cleavable Glycols; 3. Dithionite-Cleavable Diazo Bonds; 4. Hydroxylamine-Cleavable Esters; 5. Base Labile Sulfones; Chapter 8. Tags and Probes; 1. Fluorescent Labels; 2. Bifunctional Chelating Agents and Radioimmunoconjugates; 3. Biotinylation Reagents; 4. Iodination Reagents; Part III: Bioconjugate Applications Chapter 9. Preparation of Hapten-Carrier Immunogen Conjugates 1. The Basis of Immunity; 2. Types of Immunogen Carriers; 3. Carbodiimide-Mediated Hapten-Carrier Conjugation; 4. NHS Ester-Mediated Hapten-Carrier Conjugation; 5. NHS Ester-Maleimide Heterobifunctional Cross-linker-Mediated Hapten-Carrier Conjugation; 6. Active-Hydrogen-Mediated Hapten-Carrier Conjugation; 7. Glutaraldehyde-Mediated Hapten-Carrier Conjugation; 8. Reductive-Amination-Mediated Hapten-Carrier Conjugation; Chapter 10. Antibody Modification and Conjugation; 1. Preparation of Antibody-Enzyme Conjugates 2. Preparation of Labeled Antibodies

Sommario/riassunto

Bioconjugate Techniques is the essential guide to the modification and crosslinking of biomolecules for use in research, diagnostics, and therapeutics. It provides highly detailed information on the chemistry, reagent systems, and practical applications for creating labeled or conjugate molecules. It also describes dozens of reactions with details on hundreds of commercially available reagents and the use of these reagents for modifying or crosslinking peptides and proteins, sugars and polysaccharides, nucleic acids and oligonucleotides, lipids, and synthetic polymers. Armed with this i

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Altri autori (Persone)	BrooksJeffrey DobrenkoEvgeny KellyCatriona KozlovDenis LahusenThomas LekmanovOleg MalinovskayaOlga MenzelBirgit ReitblatAbram SchmidtHenrike ZitzewitzJosephine von RebecchiniDamiano VassenaRaffaella
Soggetti	History Literature Literature Slavic Literature (General) Cultura russa i russi ei loro testi preferiti evoluzione della lettura in Russia rivoluzione bolscevica del 1917 rivoluzione digitale degli anni '90 Russian culture Russians and their favorite texts evolution of reading in Russia Bolshevik Revolution of 1917 digital revolution of the 1990s
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Sommario/riassunto	<p>Scholars of Russian culture have always paid close attention to texts and their authors, but they have often forgotten about the readers. These volumes illuminate encounters between the Russians and their favorite texts, a centuries-long and continent-spanning “love story” that shaped the way people think, feel, and communicate. The fruit of thirty-one specialists’ research, Reading Russia represents the first attempt to systematically depict the evolution of reading in Russia from the eighteenth century to the present day. The third volume of Reading Russia considers more recent (and rapid) changes to reading, and focuses on two profoundly transformative moments: the Bolshevik Revolution of 1917, and the digital revolution of the 1990s. This volume investigates how the political transformations of the early twentieth century and the technological ones from the turn of the twenty-first impacted the tastes, habits, and reading practices of the Russian public. It closely observes how Russian readers adapted to and/or resisted their eras’ paradigm-shifting crises in communication and interpretation.</p>