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Nota di contenuto	Frontmatter -- Table of Contents -- 1. Introduction -- 2. Small molecule activation and inactivation by metalloenzymes and their model compounds -- 3. Carbon monoxide and nitric oxide as small molecule messengers -- 4. Metallointercalators as DNA probes -- 5. DNA manipulation with metal complexes -- 6. Synthesis of metal-peptide bioconjugates -- 7. Preparation of metal-protein bioconjugates -- 8. Electrochemical investigation of metal complexes -- 9. Metal complexes with anti-proliferative activity -- Backmatter
Sommario/riassunto	This book presents a unique introduction into the field of bioinorganic chemistry through practical laboratory experiments. Topics include many aspects of modern bioinorganic chemistry such as model systems for metalloenzymes, biosensors, metal bioconjugates and metal-based drugs. Each chapter contains a brief introduction, followed by detailed experimental procedures, completed with all necessary background information for the student as well as their instructors. A valuable supplement to standard textbooks of inorganic and bioinorganic chemistry Essential for all instructors teaching laborat

