

1. Record Nr.	UNINA9910554278503321
Autore	Maurya Ram Charitra
Titolo	Bioinorganic chemistry : some new facets // Ram Charitra Maurya
Pubbl/distr/stampa	Berlin : , : Walter de Gruyter GmbH, , [2021] ©2021
ISBN	3-11-072730-7
Descrizione fisica	1 online resource (412 pages)
Collana	De Gruyter Textbook
Disciplina	574.028
Soggetti	Biochemistry - Research Chemistry, Inorganic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- Chapter I. Coordination chemistry of chlorophylls/ bacteriochlorophylls and its functional aspects in photosynthesis -- Chapter II. Complexes containing nitric oxide: synthesis, reactivity, structure, bonding and therapeutic aspects of nitric oxide-releasing molecules (NORMs) in human beings and plants -- Chapter III. Complexes containing carbon monoxide: synthesis, reactivity, structure, bonding and therapeutic aspects of carbon monoxide-releasing molecules (CORMs) in human beings and plants -- Chapter IV Advantageous role of gaseous signalling molecule, H <sub>2</sub> S: hydrogen sulphide and their respective donors, in ophthalmic diseases and physiological implications in plants -- Appendix I. The International System of Units, fundamental physical constants and conversion factors -- Appendix II. Body mass index (BMI): an indicator of our body fat -- Appendix III. Amino acids, the building blocks of proteins: names, symbols, structures, properties and some physical constants -- Bibliography -- Index.
Sommario/riassunto	This book covers different aspects of bioinorganic chemistry with in-depth and up-to-date coverage. Topics include photosynthesis, nitric oxide complexes and their therapeutic aspects in human beings and plants, carbon monoxide complexes and their therapeutic aspects in human beings and plants, and gaseous signaling molecule hydrogen sulfide and their donors in ophthalmic diseases and physiological

implications in plants.

---