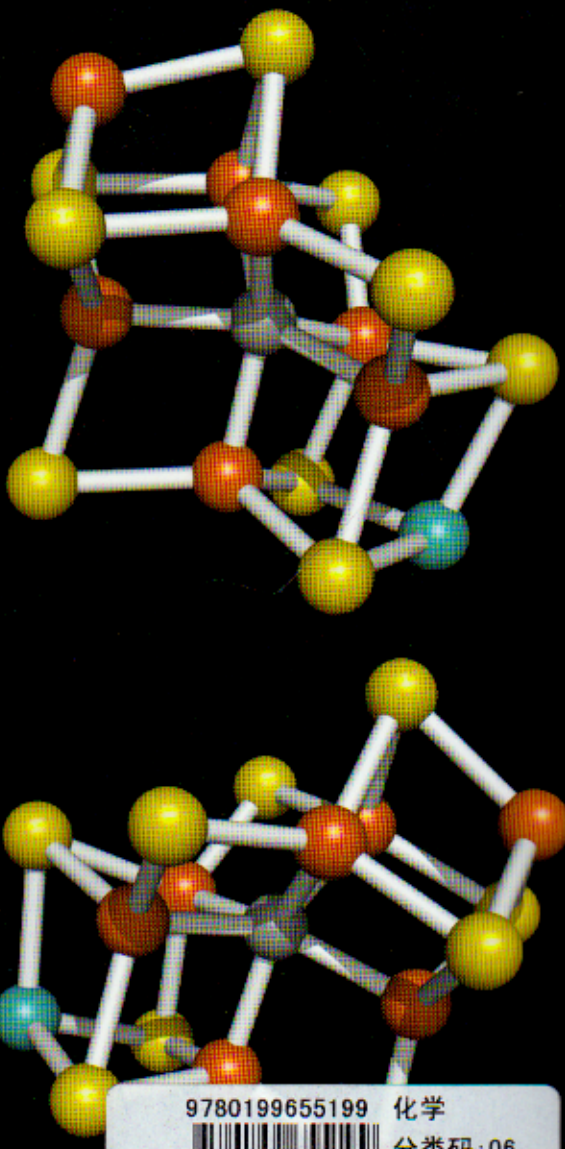
Bioinorganic chemistry lies at the interface of inorganic chemistry and biochemistry, and explores the function of inorganic species in living systems–from the iron that helps our red blood cells transport oxygen to our tissues, to the calcium that forms an integral part of our bones.

In his book, Dieter Rehder provides a succinct overview of this dynamic field, reviewing the key chemical elements that have important biological function, and exploring how the chemistry of these elements is central to the mode of operation of biological systems.

- A truly student-friendly account of this buoyant area of chemistry
- Broad, balanced coverage makes it the perfect resource both for those encountering the field for the first time, and those wishing to refresh and broaden their understanding of essential bioinorganic concepts
- Places particular emphasis on biological functions as related to specific chemical elements, unifying the fields of chemistry and biology in a coherent way
- Provides insights into the role of inorganic compounds in medicinal contexts, including diagnosis and therapy
- Sidebars review underlying principles of importance to the subject–including the concepts of magnetism and chirality–and discuss the analytical approaches adopted to study bioinorganic systems, helping readers to appreciate the experimental basis of the subject



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The Online Resource Centre to accompany *Bioinorganic Chemistry* features:

- Figures from the book in electronic format (for registered adopters only)
- Journal Clubs to accompany several chapters, to encourage students to critically evaluate and engage with published research related to topics explored in the book

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