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## Bioinorganic Medicinal Chemistry

Edited by Enzo Alessio

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### Bioinorganic Medicinal Chemistry



Enzo Alessio (Editor)

### Summary

This book gives a comprehensive overview about medicinal inorganic chemistry. Topics like targeting strategies, mechanism of action, Pt-based antitumor drugs, radiopharmaceuticals are covered in detail and offer the reader an in-depth overview about this important topic.

### Table of Contents

- Medicinal Inorganic Chemistry: State of the Art, New Trends and a Vision of the Future.
- Targeting Strategies for Metal-Based Therapeutics.
- Current Status and Mechanisms of Action of Platinum -Based Antitumor Drugs.
- New Trends and Future Developments in Platinum -Based Antitumor Drugs Ruthenium and Other Non-Platinum Anticancer Compounds.
- The Challenge of Establishing Reliable Screening Tests for Selecting Anticancer Metal Compounds.
- Gold-Based Therapeutic Agents.
- MRI Contrast Agents: State of the Art and New Trends.
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Boron and Gadolinium in Neutron Capture Therapy of Cancer.
- Diseases Related to Disorders in the Metabolism of Essential Ions.
- Metal Compounds as Enzyme Inhibitors.
- Diagnostic Applications of Metal Containing Luminophores

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