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Bioinorganic Chemistry

Bertini, Ivano and Gray, Harry B. and Lippard, Stephen J. and Valentine, Joan Selverstone (1994) *Chemistry*. University Science Books , Mill Valley, CA. ISBN 0-935702-57-1.

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Abstract

This book covers material that could be included in a one-quarter or one-semester course in biochemistry for graduate students and advanced undergraduate students in chemistry or biochemistry. That such a course should provide students with the background required to follow the research in this field. The topics were chosen to represent those areas of bioinorganic chemistry that are mature enough for textbook presentation. Although each chapter presents material at a more advanced level than most bioinorganic textbooks published previously, the chapters are not specialized review articles. What we attempted to do in each chapter is to teach the underlying principles of bioinorganic chemistry by outlining the state of knowledge in selected areas. We have chosen not to include abbreviated treatments of inorganic chemistry, biochemistry, and spectroscopy that students may need as background in the material presented. We instead assume that the instructor using this book will assign reading sources that is appropriate to the background of the students taking the course. For the convenience of instructors, students, and other readers of this book, we have included an appendix that lists references of the research literature that we have found to be particularly useful in our courses on bioinorganic chemistry.

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