

BIOCHEMISTRY A Short Course

SECOND EDITION

JOHN L. TYMOCZKO JEREMY M. BERG LUBERT STRYER



Biochemistry A Short Course 2nd Edition

**John L. Tymoczko, Jeremy M.
Berg, Lubert Stryer, Gregory Gatto**



Biochemistry A Short Course 2nd Edition:

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biology majors this text is ideal for upper level undergraduate and beginning graduate students It is also a valuable reference for practitioners and researchers who need a general introduction to bioinorganic chemistry as well as chemists who want an accessible desk reference

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Books in Print ,1982 **Science** John Michels (Journalist),1924 *Bioinorganic Chemistry* Rosette M. Roat-Malone,2007-10-05 An updated practical guide to bioinorganic chemistry Bioinorganic Chemistry A Short Course Second Edition provides the fundamentals of inorganic chemistry and biochemistry relevant to understanding bioinorganic topics Rather than striving to provide a broad overview of the whole rapidly expanding field this resource provides essential background material followed by detailed information on selected topics The goal is to give readers the background tools and skills to research and study bioinorganic topics of special interest to them This extensively updated premier reference and text Presents review chapters on the essentials of inorganic chemistry and biochemistry Includes up to date information on instrumental and analytical techniques and computer aided modeling and visualization programs Familiarizes readers with the primary literature sources and online resources Includes detailed coverage of Group 1 and 2 metal ions concentrating on biological molecules that feature sodium potassium magnesium and calcium ions Describes proteins and enzymes with iron containing porphyrin ligand systems myoglobin hemoglobin and the ubiquitous cytochrome metalloenzymes and the non heme iron containing proteins aconitase and methane monooxygenase Appropriate for one semester bioinorganic chemistry courses for chemistry biochemistry and biology majors this text is ideal for upper level undergraduate and beginning graduate students It is also a valuable reference for practitioners and researchers who need a general introduction to bioinorganic chemistry as well as chemists who want an accessible desk reference

Subject Guide to Books in Print ,2001 **Chemistry and Life** John William Hill,Dorothy M. Feigl,1978 Biochemistry: A Short Course John L Tymoczko, Lubert Stryer, Jeremy M Berg,John L. Tymoczko,Jeremy M. Berg,Lubert Stryer,2009-05-01 **The Publishers' Trade List Annual** ,1992

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