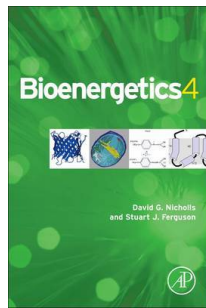


**BIOENERGETICS**

<b>Autor:</b>	Nicholls
<b>ISBN:</b>	9780123884251
<b>Páginas:</b>	434
<b>Año:</b>	2013
<b>Edición:</b>	4
<b>Idioma:</b>	Ingles
<b>Disponible:</b>	<b>De 2 a 3 Semanas</b>
<b>Precio:</b>	<del>65.00</del> 61.75

Iva no incluido

**DESCRIPTION:**

The fourth edition of Bioenergetics presents a clear and up-to-date explanation of chemiosmotic theory and covers mitochondria, bacteria, and chloroplasts. The publication takes account of the many newly determined structures, such as ATP synthase and the two photosystems of photosynthesis, that provide molecular insight into chemiosmotic energy transduction. This edition includes additional color figures of protein structures and many newly drawn illustrations designed to enable the reader to grasp the fundamental insights that are derived from knowing the structure. Every chapter has been extensively revised and updated, and a new chapter on the study of the bioenergetics of mitochondria in the intact cell is included to satisfy the enormous interest in this topic. Written for students and researchers alike, Bioenergetics, 4e is the most well-known, current and well respected text on chemiosmotic theory and membrane bioenergetics available.

**CONTENTS:**

CHAPTER 1: CHEMIOSMOTIC ENERGY TRANSDUCTION  
CHAPTER 2: ION TRANSPORT ACROSS ENERGY-CONSERVING MEMBRANES  
CHAPTER 3: QUANTITATIVE BIOENERGETICS: THE MEASUREMENT OF DRIVING FORCES  
CHAPTER 4: THE CHEMIOSMOTIC PROTON CIRCUIT IN ISOLATED ORGANELLES: THEORY AND PRACTICE  
CHAPTER 5: RESPIRATORY CHAINS  
CHAPTER 6: PHOTOSYNTHETIC GENERATORS OF PROTONMOTIVE FORCE  
CHAPTER 7: THE ATP SYNTHASE  
CHAPTER 8: METABOLITE AND ION TRANSPORT  
CHAPTER 9: MITOCHONDRIAL BIOENERGETICS IN THE CELL  
CHAPTER 10 MITOCHONDRIAL CELL BIOLOGY  
CHAPTER 11: SIGNALS BETWEEN THE MITOCHONDRION AND THE CELL  
CHAPTER 12: MITOCHONDRIA IN PHYSIOLOGY AND PATHOLOGY

**LIBRERIA MEDICA BERRI 2024 ®**Dirección: Ald. Urquijo, 35 48010 Bilbao | Tlf.: 94 444 22 85 | Fax: 94 410 07 20 | libros@berri.es | [www.berri.es](http://www.berri.es)