



Advances in microbial physiology.

Rose, A. H.
Tempest, D. W.

Academic Press,
1975

Electronic books

Monografía

ADV IN MICROBIAL PHYSIOLOGY VOL 12 APL

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjU5NzgzMtM>

Título: Advances in microbial physiology. Volume 12 [electronic resource] edited by A. H. Rose and D.W. Tempest

Editorial: New York, N.Y. Academic Press 1975

Descripción física: 1 online resource (377 p.)

Mención de serie: Advances in microbial physiology 12

Nota general: Includes index

Contenido: Front Cover; Advances in Microbial Physiology, Volume 12; Copyright Page; Contents; Chapter 1. Energy Coupling in Microbial Transport; I. Introduction; II. The Permease Model; III. Enzyme-Catalysed Reaction and Carrier-Mediated Transport; IV. The Redox Model; V. The Chemiosmotic Hypothesis of Energy Transduction; VI. The Chemiosmotic Model of Transport; VII. Group Translocation and Transport; VIII. Other Transport Mechanisms; IX. Transport as a Site of Cellular Control; X. Concluding Remarks; XI. Acknowledgements; References; Chapter 2. Physiology of Colicin Action; I. Introduction II. Colicin Production and Col Factors III. Nature of Colicins; IV. Colicin Receptors; V. Formation of Colicin-Target Complexes; VI. Biochemical Changes and Single-Hit Killing; VII. Molecular Basis of Colicin E3 Action; VIII. Primary Effects of Colicin E2; IX. Action of Colicin E2 in vitro; X. Action of Colicins of the El Type; XI. Insensitivity to Colicins; XII. Summary and Prospects; XIII. Acknowledgements; References; Chapter 3. Bacterial Glycolipids and Glycophospholipids; I. Introduction; II. Glycolipids; III. Glycophospholipids; IV. Lipid-Polysaccharide Complexes V. Distribution and Taxonomy VI. Location and Function; References; Chapter 4. The Physiology of Obligate Anaerobiosis; I. Introduction; II. Nature and Distribution of Obligate Anaerobes; III. How Obligate Anaerobes Contrive to Dispense with Molecular Oxygen; IV. Culture Eh Values and the Growth of Obligate Anaerobes; V. Effects of Oxygen on Obligate Anaerobes; VI. Obligate Anaerobes as Primitive Organisms; VII. Conclusion; VIII. Acknowledgements; References; Chapter 5. DNA Replication in Bacteria; I. Introduction; II. Chromosome Structure and Growth; III. The Biochemistry of DNA Replication IV. Chromosome Replication During the Cell Cycle V. Discussion; VI. Acknowledgements; References; Author Index; Subject Index

Lengua: English

ISBN: 1-281-71141-1 9786611711412 0-08-057972-8

Materia: Microorganisms- Physiology Microbiology

Autores: Rose, A. H. Tempest, D. W.

Enlace a serie principal: Advances in microbial physiology (CKB)954926956860 (DLC)2011200619 (OCoLC)60626331 2162-5468

Enlace a formato físico adicional: 0-12-027712-3

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es