Advances in microbial physiology.

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

Academic Press,
1976

Electronic books

Monografía

ADV IN MICROBIAL PHYSIOLOGY VOL 14 APL

Título: Advances in microbial physiology. Volume 14 edited by A.H. Rose and D.W. Tempest

Editorial: New York, N.Y. Academic Press 1976

Descripción física: 1 online resource (x, 416 pages) illustrations

Mención de serie: Advances in microbial physiology 14

Bibliografía: ReferencesChapter 3. High-Pressure Microbial Physiology; I. Introduction; ll. Information from High-Pressure Chemistry; lll. Life and Death under Pressure; IV. Effects of Pressure on Biopolymers; V. Effects of Pressure on Some Specific Microbial Cell Functions; VI. Acknowledgements; References; Chapter 4. The Regulation of Respiration Rate in Growing Bacteria; I. Introduction; ll. Response of Respiration Rate to Environmental Changes; lll. Substrate Control of Respiration; IV. Adenosine Phosphates as Regulators of Respiration; V. Role of NADH in the Regulation of Respiration

Contenido: Front Cover; Advances in Microbial Physiology, Volume 14; Copyright Page; Contents; Contributors to Volume 14; Chapter 1. Microbial Gas Metabolism; I. Introduction; ll. The Nitrogen Gases; lll. Oxygen Metabolism by Micro-organisms; IV. Gaseous Carbon Compounds; V. Hydrogen Metabolism; VI. Summary and Conclusions; VII. Acknowledgements; References; Chapter 2. Structure and Biosynthesis of the Mannan Component of the Yeast Cell Envelope; I. Introduction; ll. General Methods for Structural Analysis of Yeast Mannans; lll. Detailed Structures of Specific Yeast Mannans; IV. Mannan Biosynthesis VI. Cytochromes as Regulators of RespirationVII. Energy Conservation; VIII. General Conclusions; References; Chapter 5. Biochemistry and Genetics of Nitrate Reductase in Bacteria; I. Introduction; ll. Properties of Nitrate Reductase; lll. Regulation of the Formation and Activity of Nitrate Reductase; IV. Electron-Transport Chain to Nitrate and Energy Conservation During Nitrate Respiration; V. Genetics of Nitrate Reductase Formation; VI. Concluding Remarks and Future Prospects; VII. Acknowledgements; References; Author Index; Subject Index

Lengua: English

Copyright/Depósito Legal: 1162453853

ISBN: 012027714X electronic bk.) 9780120277148 electronic bk.) 9786611711429 6611711422 0080579744 9780080579740

Materia: Microorganisms- Physiology Microbiology Microbiology Microorganisms- Physiology

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

Enlace a formato físico adicional: Print version Advances in microbial physiology. New York, N.Y. : Academic Press, 1976 (DLC) 67019850

Baratz Innovación Documental

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