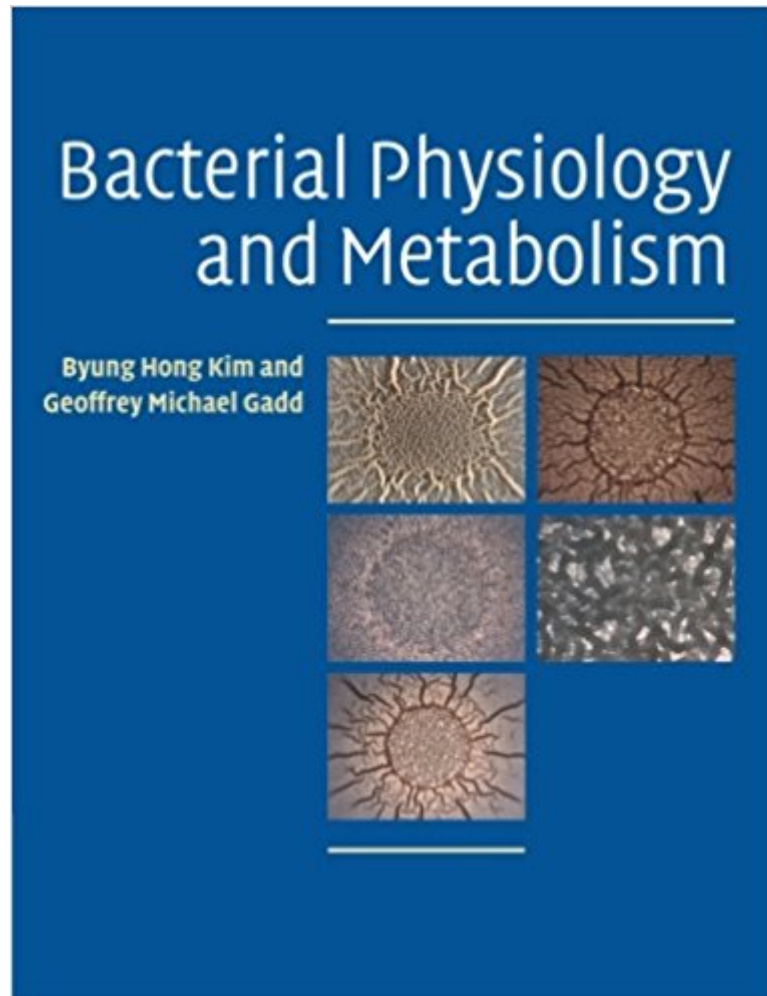




Ebook Directory
the best source of ebook

The book was found

Bacterial Physiology And Metabolism



Synopsis

Recent determination of genome sequences for a wide range of bacteria has made in-depth knowledge of prokaryotic metabolic function essential in order to give biochemical, physiological, and ecological meaning to the genomic information. Clearly describing the important metabolic processes that occur in prokaryotes under different conditions and in different environments, this advanced text provides an overview of the key cellular processes that determine bacterial roles in the environment, biotechnology, and human health. Prokaryotic structure is described as well as the means by which nutrients are transported into cells across membranes. Glucose metabolism through glycolysis and the TCA cycle are discussed, as well as other trophic variations found in prokaryotes, including the use of organic compounds, anaerobic fermentation, anaerobic respiratory processes, and photosynthesis. The regulation of metabolism through control of gene expression and control of the activity of enzymes is also covered, as well as survival mechanisms used under starvation conditions.

Book Information

Paperback: 552 pages

Publisher: Cambridge University Press; 1 edition (March 3, 2008)

Language: English

ISBN-10: 0521712300

ISBN-13: 978-0521712309

Product Dimensions: 7.4 x 1.1 x 9.7 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 6 customer reviews

Best Sellers Rank: #141,193 in Books (See Top 100 in Books) #56 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Microbiology](#) #220 in [Books > Medical Books > Basic Sciences > Microbiology](#) #526 in [Books > Medical Books > Basic Sciences > Physiology](#)

Customer Reviews

"Ample charts and tables make it simple to follow complex pathways. The accurate, current information in this volume is extremely applicable to researchers in the fields of bioprocessing, bionanotechnology, bioremediation, and fermentation. Highly recommended." B. R. Shmaefsky, Choice Magazine

By clearly describing the important metabolic processes that occur in prokaryotes under different conditions and in different environments, this book provides a foundation for understanding the important cellular processes that determine bacterial roles in the environment, biotechnology and human health. An extensively illustrated text for advanced students and professionals.

Its an easy read but it a pdf style book therefore page numbers don't correlate with the really page numbers. Difficult to use if you need it for assignments

Excelent and update book.

I enjoied its details and explanations , excellent back up for the field. detailed clarifications with the diagrams were very helpdul.

Compared to White or Cohen this is easier to understand and less detailed. Will be good for use with students.Received in good shape and on time.

I have only read the first few chapters so far, and it is good and informative thus far. Since I have not read more, I have given it 4 stars (for the reading up to this point).

Book is in excellent condition and a good source of information in microbial physiology. Quite frankly its the book, my instructor swears by. So.....

[Download to continue reading...](#)

High Metabolism Diet: How To Transform Your Body Increasing Your Metabolism(Free Checklist Included)[Metabolism Diet, Metabolism Cookbook, Metabolism Book Metabolism Diet Cookbook, Metabolism Miracle] Vaginosis: Bacterial Vaginosis Treatment Guide To Curing Bacterial Vaginosis With Strategies For Preventing Bacterial Vaginosis Including Advice On Post ... And Vaginitis Treatment, Cure And Recovery) Bacterial Physiology and Metabolism Bacterial Metabolism (Springer Series in Microbiology) The Metabolism Miracle Cookbook: 175 Delicious Meals that Can Reset Your Metabolism, Melt Away Fat, and Make You Thin and Healthy for Life Fast Metabolism and Weight Loss: How to Boost Your Metabolism and Lose Weight Fast Metabolism Diet Cookbook: Healthy & Wholesome Fast Metabolism Diet Recipes to Slim Down and Burn Fat The 3-Week Metabolism Diet: A Simple Metabolism Focused Diet Guaranteed to Shed 4-12 Inches and 9-21 Pounds of Stubborn Belly Fat Cellular Physiology and Neurophysiology E-Book: Mosby Physiology

Monograph Series (Mosby's Physiology Monograph) Endocrine and Reproductive Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 4e (Mosby's Physiology Monograph) Medical Terminology: Medical Terminology Easy Guide for Beginners (Medical Terminology, Anatomy and Physiology, Nursing School, Medical Books, Medical School, Physiology, Physiology) Cardiovascular Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 10e (Mosby's Physiology Monograph) Renal Physiology: Mosby Physiology Monograph Series (with Student Consult Online Access), 5e (Mosby's Physiology Monograph) Gastrointestinal Physiology: Mosby Physiology Monograph Series (With STUDENT CONSULT Online Access), 8e (Mosby's Physiology Monograph) Maimonides & Metabolism: Physiology of Fat-Loss AMOXICILLIN (Penicillin): Treats Bacterial Infections (such as Pneumonia, Bronchitis, Gonorrhea), and H. Pylori Infection and Duodenal Ulcers Veterinary Microbiology - Text and VETERINARY CONSULT Package: Bacterial and Fungal Agents of Animal Disease, 1e The Physical Basis of Bacterial Quorum Communication (Biological and Medical Physics, Biomedical Engineering) Good Germs, Bad Germs: Health and Survival in a Bacterial World Bacterial Secreted Proteins: Secretory Mechanisms and Role in Pathogenesis

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)