

Bacterial Cell Surface Techniques (Modern Microbiological Methods)

Hancock, Ian

Note: This is not the actual book cover

Bacterial Cell Surface Techniques Modern Microbiological Methods

Neil D. Rawlings, David S. Auld



Bacterial Cell Surface Techniques Modern Microbiological Methods:

Bacterial Cell Surface Techniques Ian Hancock, Ian Poxton, 1988 Bacterial Cell Surface Techniques is the first complete practical text on the chemistry and immunochemistry of bacterial cell walls It provides details of methods available for the preparation of cell walls and their components All the sections are written by researchers with first hand practical experience of the techniques The book concentrates on techniques that are available to most laboratories and provides complete information for workers new to the field while at the same time serving as a valuable reference work for those already engaged in cell surface research

Methods for General and Molecular Microbiology C. A. Reddy, Terry J. Beveridge, John A. Breznak, George Marzluf, 2007-08-17 A first source for traditional methods of microbiology as well as commonly used modern molecular microbiological methods Provides a comprehensive compendium of methods used in general and molecular microbiology Contains many new and expanded chapters including a section on the newly important field of community and genomic analysis Provides step by step coverage of procedures with an extensive list of references to guide the user to the original literature for more complete descriptions Presents methods for bacteria archaea and for the first time a section on mycology Numerous schematics and illustrations both color and black and white help the reader to easily understand the topics presented

Prokaryotic Structure and Function Society for General Microbiology. Symposium, 1992-02-20 This book evaluates the increasing wealth of knowledge that has accumulated concerning the regulation of synthesis and assembly of structural components of the bacterial cell It is now possible in many cases to trace the exact sequence of events triggered by a change in the physical or chemical environment of a bacterial cell for instance signaling gene expression transport of the gene product to its correct location and assembly into a functional structure The scope of this volume is broad ranging from the organization of the nuclear material itself to the sequence of events leading to differentiation and development from the synthesis of intracellular storage material to the assembly of specialized

photosynthetic membranes periplasmic electron transfer chains and heat resistant spores *Handbook of Proteolytic Enzymes* Neil D. Rawlings, David S. Auld, 2025-06-30 Handbook of Proteolytic Enzymes Metallopeptidases has stood as most comprehensive work in the field of applied enzymology and biocatalysis since the first edition published in 1998 Extensively revised and updated the new fourth edition is an essential reference for biochemists biotechnologists and molecular biologists across academia and industry Edited by world renowned experts in the field and with five volumes available for individual sale this work provides detailed information on all known proteolytic enzymes researched to date with expanded coverage of metallopeptidases cysteine peptidases serine and threonine peptidases aspartic and glutamic peptidases and inhibitors of proteolytic enzymes This volume includes over 300 chapters on known metallopeptidases enzymes including their name history activity and specificity structural chemistry preparation biological aspects and distinguishing features with 2D structures of peptidases in color extensive references and links to PubMed and MEROPS databases Provides the only

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Methods for General and Molecular Bacteriology Philipp Gerhardt, 1994 A major revision of the classic manual from ASM This is the long awaited revision of ASM s extremely popular title Manual of Methods for General Bacteriology 1981 The goal of the book remains to provide a compact but thorough compendium of reliable methods of working with many different kinds of bacteria in laboratory settings New to this edition is the recognition of the dramatic role of molecular biological techniques and their impact on bacteriology **Current Catalog** National Library of Medicine (U.S.), First multi year

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