Ever had the tables turned on you? If the answer is yes, you need the new

**ASM Style Manual for Journals and Books**

This newly revised and updated edition will assist every author who submits papers to ASM. Prepared by ASM’s professional editorial staff specifically for the ASM journals and books, the manual incorporates all of the information you need to ensure stylistically and grammatically correct manuscripts.

The new edition includes two new chapters, “Proofreading” and “Books.” In addition, it features in-depth instructions for assembling and editing the new References section, which recently replaced the Literature Cited section in ASM journal articles.

**CONTENTS**
1. Preparation of Manuscripts
2. Numbers and Measurements
3. Scientific Nomenclature
4. English
5. Sources for Materials
6. Abbreviations
7. References
8. Illustrations
9. Tables
10. Proofreading
11. Books
12. Words, Abbreviations, and Designations

Appendix A. Journal Specifications
Appendix B. Journal Production Cycle
Bibliography
Index


_______ copy(ies) at the member price of $23.00..............$______________
_______ copy(ies) at the nonmember price of $28.00...........$______________
Total amount of purchase: .................................................................$______________

Check one: ☐ Payment enclosed ☐ MasterCard ☐ VISA ☐ American Express

Card Number __________________________ Name __________________________
Expires ______________________________ Address __________________________
Signature _____________________________ City, State/Province __________________________
Member number _________________________ Zip/Postal Code, Country __________________________

Send order to Publication Sales, American Society for Microbiology, 1325 Massachusetts Ave., NW, Washington, DC 20005-4171.
THE BACTERIAL CHROMOSOME

Edited by Monica Riley, Marine Biological Laboratory, Woods Hole, Massachusetts, and Karl Drlica, Public Health Research Institute and New York University School of Medicine, New York, New York

This unique volume reviews current research at the forefront of investigation into the structure and function of the bacterial chromosome, summarizes the foundations of this research in previous work, and provides insights into future trends and directions. The need for such a compilation became apparent to many leading experts who assembled at a 1988 ASM conference. From there, the project soon expanded into an ambitious review encompassing perspectives ranging from bacterial genetics through molecular biology, biochemistry, and microbiology and including such useful features as detailed structural models and up-to-date genetic maps.

The 39 chapters represent the ongoing work in nearly as many leading laboratories and include an introductory chapter by the editors which recounts the historical developments leading to the present state of our knowledge and which serves to integrate the diverse approaches of the contributors. The result is an eminently useful book that will be appreciated by both scientists and graduate students.

Hardcover (ISBN 1-55581-018-7)
February 1990
484 pages, illustrated, color plates, index
Member, $63.00; Nonmember, $87.00

When ordering, specify catalog number MCB 891-018-7.
Credit card orders for ASM books may also be placed by phone (202-737-3600) or by fax (202-737-0368).

ASM
Publication Sales
American Society for Microbiology
1325 Massachusetts Avenue, N.W.
Washington, DC 20005
THE RIBOSOME
STRUCTURE, FUNCTION, & EVOLUTION
Edited by Walter E. Hill, University of Montana, Missoula; Albert Dahlberg, Brown University, Providence, R.I.; Roger A. Garrett, University of Copenhagen, Copenhagen, Denmark; Peter B. Moore, Yale University, New Haven, Conn.; David Schlessinger, Washington University School of Medicine, St. Louis, Mo.; and Jonathan R. Warner, Albert Einstein College of Medicine, Bronx, N.Y.

This comprehensive overview is a major new addition to literature on the ribosome, covering the structure, function, and evolution of this complex macromolecule in both procaryotic and eucaryotic systems. The authors, an international group of leading experts representing 13 countries, have written and illustrated their chapters for use by all life scientists, including those outside the field.

The book opens with a personal, historical retrospective and summary by Masayasu Nomura, followed by historical insights on ribosome preparation by Alexander S. Spirin. From there, chapters turn to recent developments in every arena of research into the ribosome. Much of the current knowledge about the detailed mechanisms by which the ribosome is involved in protein biosynthesis has only recently been delineated thanks to a host of new research techniques. Additional information about how antibiotics and ribosomes interact and a view of the ribosome in its evolutionary context are also included.

Arising from the August 1989 International Conference on Ribosomes, this reference will be extremely useful to advanced students as well as investigators whose work either directly or indirectly touches on this subject.

CONDENSED CONTENTS
Historical (2 chapters); Structure of Ribosomes and tRNA (12 chapters); Probing tRNA Function (4 chapters); Initiation (5 chapters); Elongation (8 chapters); Termination (2 chapters); Ribosome Formation (7 chapters); Antibiotic Mechanisms and Probes (3 chapters); Translational Fidelity (6 chapters); and Evolution of Ribosomes (8 chapters).
August 1990; hardcover (ISBN 1-55581-020-9); 696 pages, large format, illustrated, color plates, index.
Member: $87.00; Nonmember: $104.00

When ordering, specify catalog number MCB 89/1-017-9.

Send your prepaid or charge card order to:
Publication Sales
American Society for Microbiology
1325 Massachusetts Avenue, N.W.
Washington, DC 20005-4171

ADP-Ribosylating Toxins and G Proteins
Insights into Signal Transduction
Edited by Joel Moss and Martha Vaughan, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, Maryland

The contents of this important synthesis and the expert contributors span the disciplines of microbiology, biochemistry, molecular biology, and pharmacology to review current knowledge about ADP-ribosylating toxins, guanine nucleotide-binding proteins, receptors, and signal transduction. Recombinant DNA technology has been applied to elucidate the molecular basis of action of these bacterial toxins, which are responsible in part for the syndromes characteristic of a number of infectious diseases.

The contents are in three main sections: I. Bacterial ADP Ribosyltransferases: Toxins and Related Proteins (9 chapters); II. Guanine Nucleotide-Binding Proteins Coupled to Signal Transduction in Animal Cells (13 chapters); and III. ADP Ribosylation in Bacteria and Animal Cells (6 chapters).

This book will very effectively update interested scientists and students on the current status of research into ADP-ribosylating toxins and related topics and will point the way for future advances.

Hardcover (ISBN 1-55581-017-9)
March 1990
585 pages, illustrated, color plate, index
Member: $69.00; Nonmember: $79.00

When ordering, specify catalog number MCB 89/1-017-9.

Send your prepaid or charge card order to:
Publication Sales
American Society for Microbiology
1325 Massachusetts Avenue, N.W.
Washington, DC 20005

Credit card orders for ASM books may also be placed by phone (202-737-3600) or by fax (202-737-0368).
Viruses That Affect the Immune System

Edited by Hung Y. Fan, Cancer Research Institute, University of California, Irvine; Irvin S. Y. Chen, UCLA School of Medicine, Los Angeles, California; Naomi Rosenberg, Tufts University School of Medicine, Boston, Massachusetts; and William Sugden, McArdle Laboratory, University of Wisconsin, Madison

Viruses in humans or animals almost always affect the host’s immune system. In most cases, the immune system responds by developing a humoral or cell-mediated response, but some viruses can infect immune system cells, causing abnormalities such as autoimmunity, malignancy, or immunodeficiency. Understanding the properties of these viruses, particularly with regard to cells of the immune system, is important to elucidating the mechanisms by which they cause immunological damage.

Many of the viruses that cause immune system abnormalities are retroviruses or herpesviruses. The book commences with the editors’ introductory overview of these major immune system viruses, then continues with four comprehensive sections on their mechanisms and effects. Human and other immunodeficiency viruses, retroviruses including human and murine leukemia viruses, Epstein-Barr virus, and cytomegalovirus are among the pathogens examined in depth.

Molecular biologists, virologists, and researchers into oncology, autoimmunity, and the immunodeficiency syndromes will find this book, the third in a popular series arising from the ICN-UCI Conferences on Virology, a valuable addition to the literature.

To order, complete the form below and mail to ASM. Institutional purchase order forms should include the offer number below. Credit card orders for ASM books may also be placed by phone (202-737-3600) or by fax (202-737-0368).

Please send me Viruses That Affect the Immune System (offer no. MCB 8/91-032-2).

Check price

☐ Member: $49.00 × __________ = $____________
☐ Nonmember: $62.00 × __________ = $____________

If ordering at member price, give member number:

Check method of payment

☐ Payment enclosed
☐ MasterCard Card number: __________
☐ VISA Expiration date: __________
☐ American Express Signature: __________

Shipping information (please print)

Name __________________________
Address ______________________________
City __________________________ State/province __________
Zip/postal code __________ Country __________

Send to:
Publication Sales, American Society for Microbiology
1325 Massachusetts Avenue, N.W., Washington, DC 20005

CONTENTS
1. Viruses That Affect the Immune System: an Overview of Retroviruses and Herpesviruses (Fan et al.)

I. Autoimmunity
2. Virus-Induced Autoimmunity (Oldstone)

II. Immunodeficiency by Retroviruses
3. Role of Regulatory Genes in HIV Replication and Pathogenesis (Wong-Staal)
4. Properties of NF-κB, LBP-1, and TCF-1: Cellular Proteins That Interact with the HIV-1 Promoter in T Cells (Dinter et al.)
5. Molecular Genetics of the HIV-1/CD4 Interaction (Camerini and Chen)
6. CD4: Function, Structure, and Interactions with the HIV-1 Envelope Protein gp120 (Diamond et al.)
7. HIV Entry into Cells (Page et al.)
8. The Murine Acquired Immunodeficiency Syndrome Induced by the Duplex Strain Retrovirus (Jolicoeur et al.)

III. Oncogenesis by Retroviruses
9. Retrovirus Variation and Regulation of c-raf (Temin et al.)
10. Activated abl Genes Induce a Myeloproliferative Response in Mice (Kelliler et al.)
11. Leukemogenesis by Moloney Murine Leukemia Virus (Fan et al.)
12. Endogenous Murine Retroviruses and Leukemia (Coffin et al.)
13. Molecular Analysis of the HTLV-1 rex Gene (Greene et al.)

IV. Oncogenesis by Herpesviruses
14. Immortalization of Human B-lymphocytes by Epstein-Barr Virus (Sugden)
15. Epstein-Barr Virus Transcription in Latently Infected B Lymphocytes (Speck)
16. Expression of Cytomegalovirus in Mononuclear Cells (Nelson et al.)

Anti-Protein Kinase C α • Anti-Protein Kinase C β • Anti-Protein Kinase C γ • Anti-Protein Kinase C δ • Anti-Protein Kinase C ε • Anti-Protein Kinase C ζ • Anti-Protein Kinase C α,β,γ • PKA Inhibitor Peptide • PKC Inhibitor Peptide • Trans-Port™ Permeabilization Kit • Alpha Toxin • Streptolysin O • Inositol Phosphate Reagents • Cholera Toxin and Subunits • Pertussis Toxin and Subunits • Cell Dissociation Buffers (Enzyme-Free or trypsin)