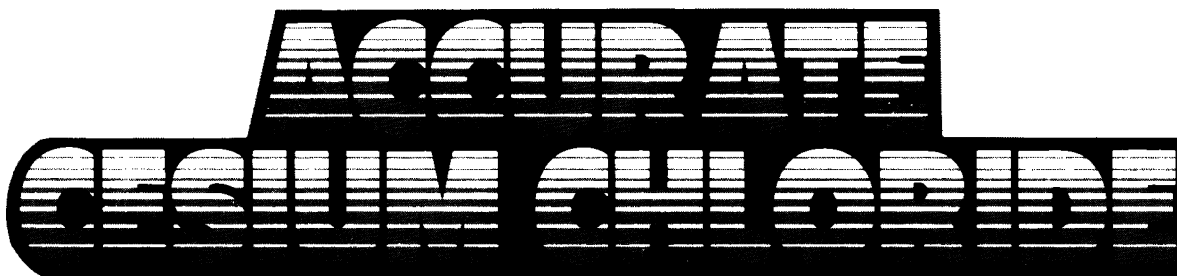


PREP[®] BRAND
THE TOP



IT WON'T SPIN YOU BROKE!

A1059	CESIUM CHLORIDE PREP[®]		
	99.5 + %	1 kg	\$127.50
A1250	CESIUM CHLORIDE SPECIAL BIO.[™]		
	99.9 + %	100 gm	37.50
		1 kg	177.00

F.O.B. WESTBURY, NEW YORK TERMS; 2% 10 NET 30 DAYS

ACCURATE Chemical & Scientific Corporation

300 SHAMES DRIVE, WESTBURY, NY 11590 USA • TELEX: 4972582
 WESTBURY, NY: **516-433-4900** SAN DIEGO, CA: **619-235-9400**

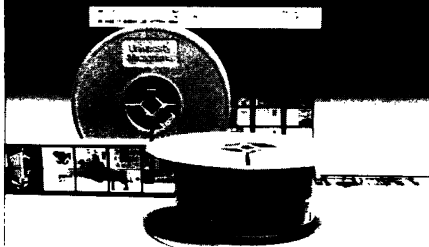
TO ORDER CALL TOLL FREE:

1-800-645-6264
 (Except N.Y. State call 516-433-4900)

1-800-ALL-WEST
 (CALIFORNIA, PACIFIC and MOUNTAIN TIME STATES)

®

This publication
is available
in microform.



University Microfilms
International

300 North Zeeb Road
Dept. P.R.
Ann Arbor, Mi. 48106
U.S.A.

30-32 Mortimer Street
Dept. P.R.
London WIN 7RA
England

•2-D/1-D • 1-D • DNA • IMAGE ANALYSIS
Zeineh **SOFT LASER SCANNING DENSITOMETERS**

IBM pc Apple 3600 Function programs
RIBBON LASER BEAM (up to 20mm long - 3 microns thin) or spot 3 microns diameter. TUNGSTEN and UV. Silver, coomassie hue or any stain. Fluorescence, reflectance, transmission and transmittance. FOR SCANNING: 2-D of 1-D slab gels, tubes, x-ray film, TLC plates, Eusa and blots on nitrocellulose.

2-D IMAGE PICTORIAL CONTOUR

1- HI-SPEED
a) 10cm x 10cm in 12 min
b) 32 x 20 in 3 min
2- UV-VIS laser 360-900nm

Peak	(X, Y)	Size	Base Area	XSize	Amount
#1	(43, 4)	31232	599	1	.089
#2	(48, 6)	7577	144	.2	.0178
#3	(126, 14)	15022	284	.5	.0445
#4	(222, 14)	24822	503	.9	.0801
#5	(251, 14)	5240	111	.2	.0178
#6	(195, 16)				.0234

3- Max. scan area, 100x45cm
4- 99 automations
5- Sensitivity: 15 picogram-silver

QUANTITATION & X-Y POSITION

NORMAL CANCER Detect changes at a glance

From Molecular Weights STANDARDS
Automatic DNA-SEQUENCING
(reliability of EP run)
CORRELATION COEFFICIENT 0.988

1- 99 automations
2- PhastGel scan-save 12 Lanes in 2 minutes.

REPRESENTATIVES NEEDED

INTRODUCTORY PRICES: 2D/1D 9,995
SLR - DNA 5,995 1-D 2,995 2D/1D Video Densitometer ... 4,995

CALL COLLECT: DR. Zeineh (714) 870-0290, Telex 692430
BIOMED INSTRUMENTS INC.
1020 South Raymond Ave., #B, Fullerton, CA 92631. U.S.A. TLX 692430

NOW AVAILABLE FROM ASM

ASM Style Manual for Journals and Books

Published in June 1985, this manual should be of interest to anyone who prepares manuscripts for submission to ASM journals and books. In addition to providing extensive information about ASM style, this 190-page, softcover manual also addresses topics related to English, including punctuation, grammar, and usage.

Chapters include:

- Preparation of Manuscripts
- Numbers and Measurements
- Scientific Nomenclature
- English
- Sources for Materials
- Abbreviations
- Literature Citations
- Illustrations
- Tables
- Words, Abbreviations, and Designations

To obtain your copy of the *ASM Style Manual for Journals and Books*, please send a check for \$10.00 (payable to the American Society for Microbiology) to Publication Sales, American Society for Microbiology, 1913 I St., N.W., Washington, DC 20006.

Bacteriophage T4

Editors: Christopher K. Mathews, Elizabeth M. Kutter, Gisela Mosig, Peter B. Berget

The outcome of the Evergreen T4 Meetings, this book presents a complete overview of T4 research, from its earliest history to its latest developments. T4 is a remarkable organism, one that has played an important part in the growth of molecular biology research. Here its story is told for the first time in one place. From Doermann's *Introduction to the Early Years of Bacteriophage T4* to Guttman and Kutter's *Overview* to Mathews' *Postscript*, this book is informative, comprehensive, and up-to-date.

The book will be useful for upper-level students, virologists, and molecular biologists—in fact, indispensable for anyone with an interest in bacteriophage T4.

The papers are arranged in the following sections:

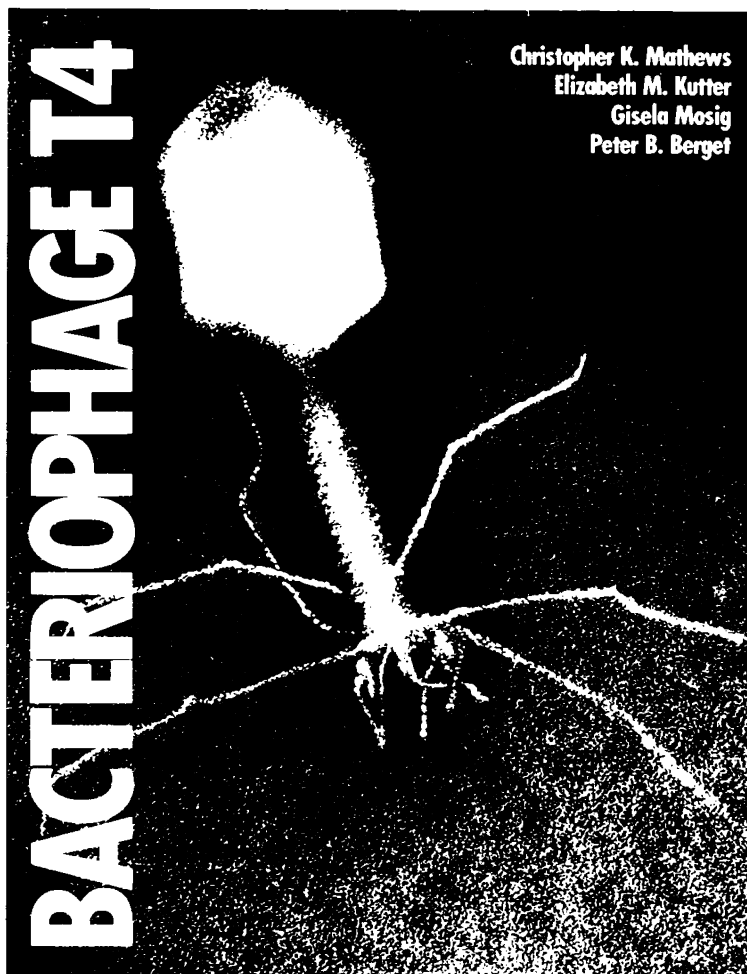
- I. T4 Structure and Initiation of Infection
- II. DNA Metabolism
 - A. Enzymes and Proteins of DNA Metabolism
 - B. DNA Metabolism In Vivo
- III. Regulation of Gene Expression
 - A. Transcription
 - B. Processing and Translation
- IV. Morphogenesis
- V. Structure, Organization, and Manipulation of the Genome
- VI. Some Complexities of T4 Genes, Gene Products, and Gene Product Interactions

An appendix presents a table of T4 genes and gene products.

Ordering Information:

Publication Date: August 1983
ISBN: 0-914826-56-5
410 pages, illustrated. Flexible binding.
Member: \$22.00. Nonmember: \$24.00.

To order, send check or money order in the correct amount (in U.S. dollars) to ASM.



ASM

Published and distributed by:

American Society for Microbiology, 1913 I STREET, NW, WASHINGTON, DC 20006

**HIGH-
TECHNOLOGY
ROUTE TO**

Editors:

Gordon R. Dreesman
Judith Gunn Bronson
Ronald C. Kennedy

*Proceedings of the First Annual Southwest Foundation
for Biomedical Research International Symposium,
Houston, Texas, 8-10 November 1984*

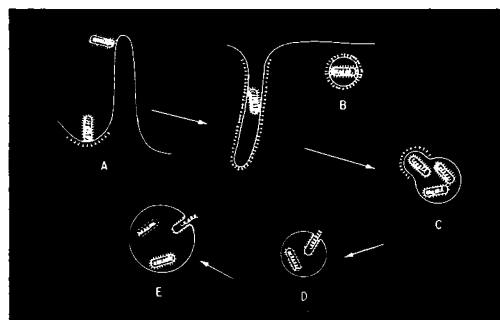
High-Technology Route to Virus Vaccines is an authoritative, up-to-date account of the pre-eminent issues in immunization and of specific immunological phenomena. This comprehensive book begins with a historical perspective of the field and proceeds to review the most significant advances and methodologies in virus vaccines. Problems encountered in the introduction of new vaccines to the marketplace are examined.

High-Technology Route to Virus Vaccines explores recent advances in the development and application of virus vaccines, including recombinant DNA-based vaccines, cloning biotechnology, the potential of synthetic peptides as vaccines, and the use of anti-idiotypic antibodies to induce specific antiviral immunity. In addition, the status of immunization against viral diseases is explored, examining specific diseases affecting humans (hepatitis B, influenza, and rabies) and animals (foot-and-mouth disease and pseudorabies).

Virologists and immunologists will find *High-Technology Route to Virus Vaccines* a convenient source of information on the present status and future trends of virus vaccine research.

Publication date: August 1985
180 pages, illustrated, index
Softcover (ISBN 0-914826-81-6)
ASM member: \$24.00; nonmember: \$28.00

ASM American Society for Microbiology
Publication Sales
1913 I Street, N.W.
Washington, DC 20006 USA



Virus Attachment and Entry into Cells

Proceedings of an ASM Conference
Held in Philadelphia, Pennsylvania,
10-13 April 1985

Editors: Richard L. Crowell
Kari Lonberg-Holm

New findings on virus infection

Rapid progress in viral research has led to a better understanding of the vital area of virus infection of animal and human cells. *Virus Attachment and Entry into Cells* offers a major new insight into this evolving field.

The book provides a timely review of recent findings on the early stages of virus infection. Twenty-five articles are included, covering these important areas:

- Virus attachment proteins
- Cellular receptors
- Penetration and uncoating of viruses

Application of new technologies

The book begins with a brief overview of early events in virus infection. Applications of new biological insights and biochemical, genetic, and X-ray crystallographic technologies to the study of virus infection are examined.

Virus Attachment and Entry into Cells will be of major interest to virologists, immunologists, and others involved in the cross disciplines of microbiology, cell biology, and molecular biology.

Paperback ISBN 0-914826-90-5
Member: \$25.00 Nonmember: \$28.00
Publication date: March 1986
216 pages, illustrated, index

ASM

American Society for Microbiology
Finance Department
1913 I Street, N.W.
Washington, DC 20006 USA

CAUTION: BIOHAZARDS



Introducing the first systematic approach to safety management in the laboratory.

LABORATORY SAFETY: PRINCIPLES AND PRACTICES

Editor in Chief:
Brinton M. Miller

Editors:
Dieter H. M. Gröschel
John H. Richardson
Donald Vesley
Joseph R. Songer
Riley D. Housewright
W. Emmett Barkley

With the explosive growth of biotechnology, there has been a need for a reference work that covers the complicated issue of safety in clinical and research laboratories. Now, for the first time, such a guide is available.

Laboratory Safety: Principles and Practices tells how to identify, assess, and manage laboratory hazards. Written by recognized authorities in this rapidly changing field, this book discusses the potentially toxic or hazardous microorganisms, chemicals, reagents, and other substances that laboratory personnel encounter. It de-

scribes equipment and techniques for containing biohazards, as well as methods for handling accidents in the laboratory.

This volume also includes:

- The CDC/NIH guidelines *Bio-safety in Microbiological and Biomedical Laboratories*

- Lists of state health officials and poison information centers nationwide

- Basic first aid techniques

Invest in this valuable reference work today. Because tomorrow, the safety of people in your laboratory may depend on it.

Take the first step toward laboratory safety. Order your book today.

Please send me *Laboratory Safety: Principles and Practices*.

Publication date: March 1986
372 pages, illustrated, index

Quantity
___ Hardcover (ISBN 0-914826-77-8)

Check price
Member price: \$38.00 ___
Nonmember price: \$51.00 ___

Allow 4-6 weeks for delivery. Prices are subject to change without notice. Limit of 3 copies at the member price. If ordering at the member price, give member number: _____

Check one

- Payment enclosed
 MasterCard
 VISA

Card number _____

Expiration date _____

Signature _____

Ship to:

Name _____

Institution _____

Address _____

City _____

State/Province _____

Zip/Postal code _____

Country _____

ASM

American Society for Microbiology
Finance Department, 1913 I Street, N.W., Washington, DC 20006 USA

MCB 10/86