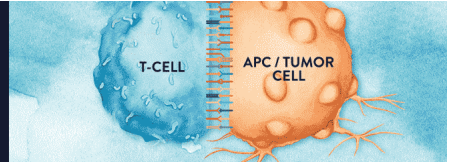


Ultra-pure antibodies for
in vivo research, targeting
immune checkpoints
and more.

EXPLORE

BioCell



 *The Journal of*
Immunology

97 (6)

J Immunol 1966; 97:747-968; ;
<http://www.jimmunol.org/content/97/6.citation>

This information is current as
of March 6, 2021.

Why *The JI*? [Submit online.](#)

- **Rapid Reviews! 30 days*** from submission to initial decision
- **No Triage!** Every submission reviewed by practicing scientists
- **Fast Publication!** 4 weeks from acceptance to publication

**average*

- Subscription** Information about subscribing to *The Journal of Immunology* is online at:
<http://jimmunol.org/subscription>
- Permissions** Submit copyright permission requests at:
<http://www.aai.org/About/Publications/JI/copyright.html>
- Email Alerts** Receive free email-alerts when new articles cite this article. Sign up at:
<http://jimmunol.org/alerts>

The Journal of Immunology is published twice each month by
The American Association of Immunologists, Inc.,
1451 Rockville Pike, Suite 650, Rockville, MD 20852
All rights reserved.
Print ISSN: 0022-1767 Online ISSN: 1550-6606.



THE JOURNAL OF IMMUNOLOGY

*Official Journal of
The American Association of Immunologists*

Brain Neutralization of Rabies Virus to Distinguish Recovered Animals from Previously Vaccinated Animals. J. F. BELL, D. L. LODMELL, G. J. MOORE AND G. H. RAYMOND	747
Properties of a Small Virus Associated with Adenovirus Type 4. KENDALL O. SMITH, WARREN D. GEHLE AND JOHN F. THIEL	754
Detection and Enumeration of Antibody-Producing Cells by Specific Adherence of Antigen-Coated Bentonite Particles. PHILLIP J. BAKER, MICHAEL BERNSTEIN, VILHO PASANEN AND MAURICE LANDY	767
Fractionation of Purified Antibodies to the Dinitrophenyl Group with Cross-Reacting Immunoabsorbents. W. C. CHENG AND D. W. TALMAGE	778
The Use of a Water-Soluble Carbodiimide as a Coupling Reagent in the Passive Hemagglutination Test. H. M. JOHNSON, K. BRENNER AND H. E. HALL	791
An Immunochemical Analysis of Bacterial Mucopeptides. WALTER W. KARAKAWA, HENRY LACKLAND AND RICHARD M. KRAUSE	797
Effect of Appendectomy and of Thymectomy, with X-Irradiation, on the Production of Antibodies to Two Protein Antigens in Young Rabbits. SUSUMU KONDA AND T. N. HARRIS	805
Rubella Complement-Fixing Antigens Derived from the Fluid and Cellular Phases of Infected BHK-21 Cells: Extraction of Cell-Associated Antigen with Alkaline Buffers. NATHALIE J. SCHMIDT AND EDWIN H. LENNETTE	815
"Protein A" from <i>S. aureus</i> . I. Pseudo-Immune Reaction with Human γ -Globulin. ARNE FORSGREN AND JOHN SJÖQUIST	822
Immunocompetence of Transferred Thymus-Marrow Cell Combinations. HENRY N. CLAMAN, EDWARD A. CHAPERON AND R. FASER TRIPLETT	828
Antigenic Analysis of Tumors and Sera from Animals Inoculated with PARA-Adenovirus Populations. FRED RAPP, JANET S. BUTEL, SATVIR S. TEVETHIA, MYRON KATZ AND JOSEPH L. MELNICK	833
Physicochemical Properties of Reaginic Antibody. V. Correlation of Reaginic Activity with γ E-Globulin Antibody. KIMISHIGE ISHIZAKA, TERUKO ISHIZAKA AND MARGARET M. HORN BROOK	840
The Interaction of Antigen with Leucocytes of Allergic Individuals. JACOB J. PRUZANSKY AND ROY PATTERSON	854
Immunochemical Studies on Dextran. V. Specificity and Cross-Reactivity with Dextran of the Antibodies Formed in Rabbits to Isomaltonic and Isomaltotronic Acids Coupled to Bovine Serum Albumin. YUTAKA ARAKATSU, GILBERT ASHWELL AND ELVIN A. KABAT	858
Studies of Blood Group Substances. I. Caprine Precipitating Antisera to Human L_e^a and L_e^b Blood Group Substances. DONALD M. MARCUS AND ARTHUR P. GROLLMAN	867
A New Serum Factor in Normal Rabbits. II. Reaction with Buried Antigenic Determinants Revealed after Papain Digestion. WILLIAM J. MANDY	876

Continued on Cover 3

PUBLISHED MONTHLY BY
THE WILLIAMS & WILKINS COMPANY
BALTIMORE, U. S. A. 21202

COPYRIGHT ©, 1966, BY THE WILLIAMS & WILKINS COMPANY
Made in United States of America

Continued from front cover

Host Dependence of GDVII Virus: Complete or Abortive Multiplication in Various Cell Types. LAWRENCE S. STURMAN AND IGOR TAMM.....	885
Studies of Human Intrinsic Factor Auto-Antibodies. GERARDO C. GARRIDO-PINSON, MICHAEL D. TURNER, JOHN H. CROOKSTON, I. MICHAEL SAMLOFF, LEON L. MILLER AND HARRY L. SEGAL.....	897
Effects of Mild Periodate Oxidation on Antibodies. BURTON R. ANDERSON, DONALD C. ABELE AND WILTON E. VANNIER.....	913
The Sedimentation and Antigenic Properties of Proteins in Nasal and Other External Secretions. ROGER D. ROSSEN, WILLIAM T. BUTLER, WILTON E. VANNIER, R. GORDON DOUGLAS, JR., AND ARTHUR G. STEINBERG.....	925
Adoptive Cutaneous Anaphylaxis: A Technique for Studying Antibody Globulin Synthesis. JACK R. BATTISTO.....	939
Adsorption to Glass and Specific Antibody Inhibition of Iodine ¹²⁵ Labeled Influenza Virus. ROBERT D. BOCHE AND J. J. QUILLIGAN, JR.....	942
Effect of Conformation of Bovine Serum Albumin on Reaction with Its Antibody. A. F. S. A. HABEEB AND L. BORELLA.....	951
The Effect of Tolerance on the Specificity of the Antibody Response: Antibody to Oxazolinated Albumin of Animals Tolerant to the Protein Carrier. MASAHIRO YOSHIMURA AND BERNHARD CINADER.....	959
Index.....	969

Prier:

BASIC MEDICAL VIROLOGY

Designed specifically as a textbook for students of basic science (particularly those whose ultimate occupation will be the practice of medicine or medical research), *Basic Medical Virology* contains only those facets of the subject which are applicable to its audience. This, it is hoped, will aid in the encouragement of the novice who is overcome by despair at the complexity and voluminous verbiage of virology books up to now. For these reasons, all clinical aspects have intentionally been omitted. An attempt has been made, rather, to bring together in a single book the essential information that is required for a basic understanding of the viral parasites and the mechanisms by which they exert their biologic influences on animal hosts. Twenty-three outstanding virologists, under the editorship of Dr. James E. Prier, have contributed to the book.

Edited by James E. Prier, Ph.D., Assistant Director, Division of Laboratories, Pennsylvania Department of Health; and Research Associate Professor, Department of Microbiology, School of Medicine, Temple University, Philadelphia, Pennsylvania.

1966

724 pp.

106 figs.

\$14.50



THE WILLIAMS & WILKINS COMPANY

428 E. PRESTON STREET/BALTIMORE, MARYLAND, U.S.A. 21202

Publishers of Books and Periodicals in Medicine and the Allied Sciences.