

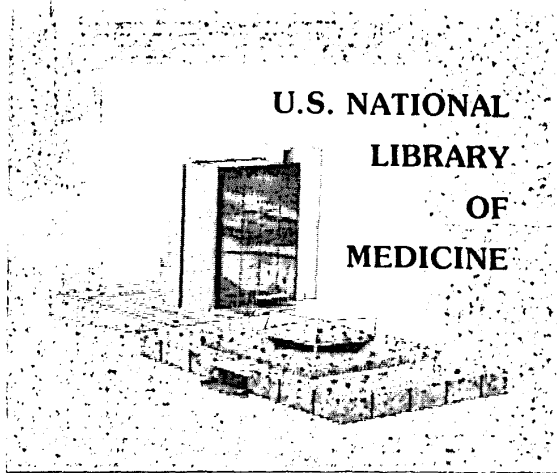
NATIONAL LIBRARY OF MEDICINE



NLM 00571350 7

W1 AB772H

V. 1 1983
C.01-----SEQ: A54117000
T1: ANNUAL REVIEW OF
IMMUNOLOGY



R10EPIS EX 1058



ANNUAL REVIEW OF IMMUNOLOGY

Volume 1, 1983

WILLIAM E. PAUL, *Editor*
National Institutes of Health, Bethesda, Maryland

C. GARRISON FATHMAN, *Associate Editor*
Stanford University, Stanford, California

HENRY METZGER, *Associate Editor*
National Institutes of Health, Bethesda, Maryland


ANNUAL REVIEWS INC.

4139 EL CAMINO WAY

PALO ALTO, CALIFORNIA 94306 USA

DICTIONARY 1983

01
11/7/83
1983

 ANNUAL REVIEWS INC.
Palo Alto, California, USA

COPYRIGHT © 1983 BY ANNUAL REVIEWS INC., PALO ALTO, CALIFORNIA, USA. ALL RIGHTS RESERVED. The appearance of the code at the bottom of the first page of an article in this serial indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per-copy fee of \$2.00 per article through the Copyright Clearance Center, Inc. (21 Congress Street, Salem, MA 01970) for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. The per-copy fee of \$2.00 per article also applies to the copying, under the stated conditions, of articles published in any *Annual Review* serial before January 1, 1978. Individual readers, and nonprofit libraries acting for them, are permitted to make a single copy of an article without charge for use in research or teaching. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. For such uses, written permission is required. Write to Permissions Dept., Annual Reviews Inc., 4139 El Camino Way, Palo Alto, CA 94306 USA.

International Standard Serial Number: 0732-0582
International Standard Book Number: 0-8243-3001-3

Annual Review and publication titles are registered trademarks of Annual Reviews Inc.

Annual Reviews Inc. and the Editors of its publications assume no responsibility for the statements expressed by the contributors to this *Review*.

PRINTED AND BOUND IN THE UNITED STATES OF AMERICA

BIOEPIS EX 1058



CONTENTS

GETTING STARTED 50 YEARS AGO—EXPERIENCES, PERSPECTIVES, AND PROBLEMS OF THE FIRST 21 YEARS, <i>Elvin A. Kabat</i>	1
CELLULAR MECHANISMS OF IMMUNOLOGIC TOLERANCE, <i>G. J. V. Nossal</i>	33
T-CELL AND B-CELL RESPONSES TO VIRAL ANTIGENS AT THE CLONAL LEVEL, <i>L. A. Sherman, A. Vitiello, and N. R. Klinman</i>	63
STRUCTURAL BASIS OF ANTIBODY FUNCTION, <i>David R. Davies and Henry Metzger</i>	87
GENETICS OF THE MAJOR HISTOCOMPATIBILITY COMPLEX: THE FINAL ACT, <i>J. Klein, F. Figueroa, and Z. A. Nagy</i>	119
IMMUNOBIOLOGY OF TISSUE TRANSPLANTATION: A RETURN TO THE PASSENGER LEUKOCYTE CONCEPT, <i>Kevin J. Lafferty, Stephen J. Prowse, Charmaine J. Simeonovic, and Hilary S. Warren</i>	143
AUTOIMMUNITY—A PERSPECTIVE, <i>Howard R. Smith and Alfred D. Steinberg</i>	175
MECHANISMS OF T CELL-B CELL INTERACTION, <i>Alfred Singer and Richard J. Hodes</i>	211
COMPLEMENT LIGAND-RECEPTOR INTERACTIONS THAT MEDIATE BIOLOGICAL RESPONSES, <i>Douglas T. Fearon and Winnie W. Wong</i>	243
CYTOLYTIC T LYMPHOCYTES, <i>M. Nabholz and H. R. MacDonald</i>	273
REGULATION OF B-CELL GROWTH AND DIFFERENTIATION BY SOLUBLE FACTORS, <i>Maureen Howard and William E. Paul</i>	307
MEDIATORS OF INFLAMMATION, <i>Gary L. Larsen and Peter M. Henson</i>	335
THE ROLE OF CELL-MEDIATED IMMUNE RESPONSES IN RESISTANCE TO MALARIA, WITH SPECIAL REFERENCE TO OXIDANT STRESS, <i>Anthony C. Allison and Elsie M. Eugui</i>	361

(continued)

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.