

# B Lymphocytes in the Immune Response: Functional, Developmental, and Interactive Properties

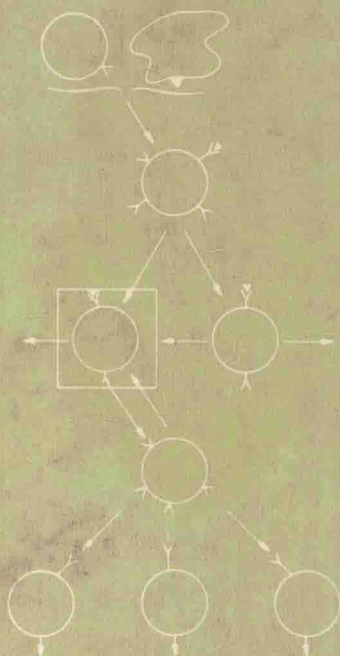
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Developments in Immunology

Volume 15

ELSEVIER/NORTH-HOLLAND

# **B LYMPHOCYTES IN THE IMMUNE RESPONSE: FUNCTIONAL, DEVELOPMENTAL, AND INTERACTIVE PROPERTIES**

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Proceedings of the Second International Conference on B Lymphocytes in the Immune Response, Scottsdale, Arizona, U.S.A., October 18-22, 1980

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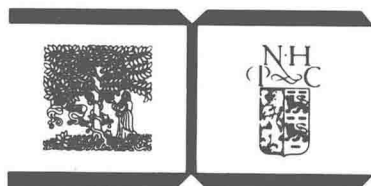
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ELSEVIER/NORTH-HOLLAND  
NEW YORK • AMSTERDAM • OXFORD

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Published by:

Elsevier North Holland, Inc.  
52 Vanderbilt Avenue, New York, New York 10017

Sole distributors outside the USA and Canada:

Elsevier Science Publishers B.V.  
P.O. Box 211, 1000 AE, Amsterdam, The Netherlands

Library of Congress Cataloging in Publication Data

International Conference on B Lymphocytes in the Immune Response

(2nd ; 1980 ; Scottsdale, Ariz.)

B lymphocytes in the immune response.

(Developments in immunology, ISSN 0163-5921; v. 15)

Bibliography: p.

Includes index.

1. B cells—Congresses. 2. Immune response—Congresses. I. Klinman,  
Norman. II. Title. III. Series

QR185.8.L9I54 1980 616.07'9 81-1731

ISBN 0-444-00611-7 AACR2

Manufactured in the United States of America

B LYMPHOCYTES IN THE IMMUNE RESPONSE:  
FUNCTIONAL, DEVELOPMENTAL,  
AND INTERACTIVE PROPERTIES

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- Volume 15—B Lymphocytes in the Immune Response: Functional, Developmental, and Interactive Properties, edited by Norman Klinman, Donald E. Mosier, Irwin Scher, and Ellen S. Vitetta, 1981

## Preface

This volume contains the deliberations of the Second International Conference on B Lymphocytes in the Immune Response which took place in October 1980 in Scottsdale, Arizona. The meeting was attended by 124 scientists from the U.S., Canada, Europe, Japan and Australia. The enormous progress which has occurred in this discipline since the previous meeting two years ago is reflected in five major areas including: (1) the organization and rearrangement of Ig genes during B cell development, (2) the definition of B cell subpopulations using monoclonal (hybridoma) antibodies, (3) the cloning of B cells and the use of factors from T cell hybridomas (interleukins) to influence B cell growth and differentiation, (4) a further understanding of network regulation of B cells and the interaction of B cells with T cells and macrophages and (5) the use of B cell tumors as models for normal B cell differentiation and signalling. These advances now make it possible to probe the molecular basis for B cell activation, tolerance, differentiation, and the interaction of B cells with other cells of the immune system.

Of course, no conference is possible without the help and dedication of the many individuals who assist in the planning and funding of the meeting. We owe a special debt of gratitude to Ms. Gerry Cheek who undertook all the secretarial work for the conference. We thank Dr. Ellen Puré for assisting with the secretarial chores at the conference and Ms. Diane Klos from the Scottsdale staff who helped us in every possible way with her usual efficiency and good humor.

We are indebted to the Fogerty International Center; National Cancer Institute; National Institute of Allergy and Infectious Disease; The Aging Institute; The Naval Medical Research and Development Command, U.S. Navy; Bureau of Biologics; Federal Drug Administration; Office of Naval Research; The Department of the Navy; New England Nuclear; Merck, Sharp and Dohme; and Becton-Dickinson for providing the funding for the conferences.

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