

Methods in Enzymology

Volume 116

Immunochemical Techniques

Part H

***Effectors and Mediators of
Lymphoid Cell Functions***

EDITED BY

Giovanni Di Sabato

John J. Langone

Helen Van Vunakis

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Volume 116

IMMUNOCHEMICAL TECHNIQUES

Part H

**Effectors and Mediators of
Lymphoid Cell Functions**

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Preface

This volume of Immunochemical Techniques deals with products of B and T cells. The first section presents methods for the study of serum immunoglobulin. Only biochemical aspects are covered. Genetic aspects will be included in a later volume of Immunochemical Techniques on immunogenetics. Surface immunoglobulins are covered in Volume 108 of this series.

The sections on thymic hormones and lymphokines include only those factors that have been reasonably well defined from a biochemical point of view. Particular emphasis has been placed on methods for the preparation, purification, assay, and characterization of these factors. A forthcoming volume will deal with methods for the study of their receptors and with those aspects of recombinant DNA technology relevant to this area. Section III deals with methods used for the study of antigen-specific lymphokines. Rather than an exhaustive description of *all* the methods used in this area of immunochemistry, it includes several typical experimental approaches that have proved to be effective in the preparation and isolation of these factors. We felt that in presenting the material in this way the reader would have a more focused and immediate perception of the state-of-the-art in this area of research and that numerous overlaps would be eliminated.

We thank the many colleagues who have given us invaluable help in the planning of this volume and the choice of topics. In particular, we thank the late Dr. Sidney Colowick and Dr. Nathan Kaplan for their continuous encouragement. We also acknowledge Cindy Young for her skillful secretarial services.

During the preparation of this volume we mourned the loss of Sidney Colowick. He will live in our memory forever.

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METHODS IN ENZYMOLOGY

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- II. Preparation and Assay of Enzymes
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- V. Preparation and Assay of Enzymes
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