

Sidney P. Colowick and Nathan O. Kaplan

Methods in ENZYMOLGY

Volume 86

Prostaglandins and Arachidonate Metabolites

Edited by

William E. M. Lands

William L. Smith

Methods in Enzymology

Volume 86

*Prostaglandins and
Arachidonate Metabolites*

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Preface

Our intent in organizing this volume was to provide in one source a detailed description of the major techniques currently available for the study of significant arachidonic acid metabolites. In editing the contributions, we tried to make certain that adequate experimental detail was included. There are often different approaches that can be used to achieve a given result. One may be better suited to one laboratory than another; moreover, a seemingly minor detail may make the difference between success and failure in adapting a procedure. Therefore, in several instances, apparently redundant descriptions of methodologies (e.g., prostaglandin endoperoxide preparation) have been included.

While we accept responsibility for the final selection of topics, we would like to thank many of the contributors for their advice in this selection process. We also received important suggestions, comments, and advice from a number of other investigators whom we also wish to acknowledge, including Drs. Philip Needleman, John E. Pike, Robert R. Gorman, Lawrence J. Marnett, J. Bryan Smith, Aaron Marcus, and J. Throck Watson.

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METHODS IN ENZYMOLOGY

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- II. Preparation and Assay of Enzymes
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- IV. Special Techniques for the Enzymologist
- V. Preparation and Assay of Enzymes
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