

## Preface

Volume IV of this treatise continues the coverage begun in Volume III of recent developments in studies of inhibition of metabolic and enzymic processes. Articles on inhibition of photosynthesis, blood clotting, protein synthesis, fatty acid metabolism, and phospholipid metabolism are included as well as on inhibition of specific enzyme reactions such as amino acid activation, amino acid hydroxylation, and cyclic AMP formation. This volume also contains a contribution dealing specifically with allosteric inhibition and allosteric inhibitors.

It is inevitable that some overlapping of subject matter will be found in Volume IV, redundancy is difficult to avoid or rectify in a treatise such as this. However, the reader will probably benefit from any inadvertent repetition since coverage of similar topics from different points of view is bound to make for a deeper understanding of the subject.

Much of the burden of preliminary organization of the articles was carried by our coeditor Rolf Hochster; we dedicate this volume to his memory.

Our sincere thanks are due the contributors for their efforts in preparing their articles and for their patience in the face of the unavoidable delays encountered. We are grateful to the many authors and publishers who gave permission to use previously published material and to the staff of Academic Press for their fine spirit of cooperation during production of this volume. Mr. Paul Deroo again prepared the Subject Index for which we express our sincere appreciation.

Morris Kates  
J. H. Quastel