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METHODS IN ENZYMOLOGY

Volume XX

NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Part C

Methods in Enzymology

Volume XX

NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Part C

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Preface

Since the publication of the previous two volumes of "Methods in Enzymology" dealing with nucleic acids, this field of research has seen continued and rapid development. In order to maintain a comprehensive coverage of pertinent methodology for workers in the biological sciences, this compilation is extended in the form of two additional volumes: Volume 20, "Nucleic Acids and Protein Synthesis," Part C, and Volume 21, "Nucleic Acids," Part D.

Part C deals with areas of protein synthesis in which nucleic acids play an integral role. Portions of this volume are devoted to the preparation and the chemical and biological properties of tRNA; to the initiation, elongation, and termination of peptide chains in translation; to the structure and function of ribosomes; and to the synthesis of characterizable proteins *in vitro*. We dedicate this volume to the late Dr. Richard Schweet who pioneered in many of these findings.

We wish to express our appreciation to the numerous authors who contributed so ably and generously and to the very capable staff of Academic Press for their valuable assistance and cooperation.

KIVIE MOLDAVE
LAWRENCE GROSSMAN

METHODS IN ENZYMOLOGY

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- I. Preparation and Assay of Enzymes
- II. Preparation and Assay of Enzymes
- III. Preparation and Assay of Substrates
- IV. Special Techniques for the Enzymologist
- V. Preparation and Assay of Enzymes
- VI. Preparation and Assay of Enzymes (*Continued*)
Preparation and Assay of Substrates
Special Techniques
- VII. Cumulative Subject Index

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Section I
Transfer RNA

