Methods in Enzymology
Volume 281

Methods in Enzymology

Volume 281

Vitamins and Coenzymes

Part K

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Preface

From 1970 to 1986, eight "Vitamins and Coenzymes" volumes were published in the *Methods in Enzymology* series. Volumes XVIII A, B, and C appeared in 1970–1971 and Volumes 62 (D), 66 (E), and 67 (F) in 1979–1980. These volumes were edited by D. B. McCormick and L. D. Wright. Volumes 122 (G) and 123 (H), published in 1986, were edited by F. Chytil and D. B. McCormick. In the decade that has elapsed since the last volume was published, considerable progress has been made, so it was reasonable to update the subject of "Vitamins and Coenzymes."

In this current set of volumes (279, 280, 281, and 282) we have attempted to collect and collate many of the newer techniques and methodologies attendant to assays, isolations, and characterizations of vitamins, coenzymes, and those systems responsible for their biosynthesis, transport, and metabolism. There are examples of procedures that are modifications of earlier ones as well as of those that have newly evolved. As before, there has been an attempt to allow such overlap as would offer flexibility in the choice of methods, rather than presume any one is best for all laboratories. Where there is no inclusion of a particular subject covered in earlier volumes, we believe the subject was adequately treated and the reader should refer to those volumes.

The information provided reflects the efforts of our numerous contributors to whom we express our gratitude. We are also grateful to our secretaries at our academic home bases and to Shirley Light and the staff of Academic Press. Finally, one of us (D. B. M.) recalls fondly the encouragement proffered years ago by Drs. Nathan O. Kaplan and Sidney P. Colowick who saw the need for "Vitamins and Coenzymes" within the *Methods in Enzymology* series, which they initiated.

DONALD B. MCCORMICK
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