# Gene Amplification and Analysis

Volume 2
Structural Analysis of Nucleic Acids

Editors:

Jack G. Chirikjian

Georgetown University Medical Center Washington, D C. 20007

Takis S. Papas

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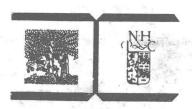
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#### Preface

The series <u>Gene Amplification and Analysis</u> was established with the purpose of rapidly communicating information about various aspects of biotechnology. The second volume of the series emphasizes experimental procedures dealing with the analysis of nucleic acid structure and was developed primarily as a technical resource for experimental techniques commonly utilized in molecular biology. Most of the papers in this volume deal with enzymatic procedures, although a number of important chemical methods have also been included. It is noteworthy that several articles discuss the use of previously reported enzymes in new roles as important reagents in the analysis of RNA and DNA. One of our original aims was to make the volume an inclusive one. This proved to be unachievable in view of the continuous developments in molecular biology. We encouraged individual authors to present a detailed presentation of experimental procedures and to include important descriptive information. Several areas were discussed by more than one group to include smail but significant differences in these procedures.

We wish to thank the authors of the individual chapters for their contributions. Special appreciation is also extended to Bethesda Research Laboratories, Inc., (BRL, Inc.) for resources that made this effort possible.

Jack G. Chirikjian Takis S. Papas May 12, 1981

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