## CONTENTS

### PROTEIN PRIMARY STRUCTURE

- Highlights of Protein Structural Analysis
  *John E. Shively, Raymond J. Paxton and Terry D. Lee*
  
- Micro-level Protein and Peptide Separations
  *Kenneth J. Wilson*

- Site-Directed Mutagenesis and Protein Engineering
  *Michael Smith*

- From Analysis to Synthesis: New Ligand Binding Sites on the Lactate Dehydrogenase Framework. Part I
  *Anthony R. Clarke, Tony Atkinson and J. John Holbrook*

- From Analysis to Synthesis: New Ligand Binding Sites on the Lactate Dehydrogenase Framework. Part II
  *Anthony R. Clarke, Tony Atkinson and J. John Holbrook*

- Subtilisin: An Enzyme Designed to be Engineered
  *James A. Wells and David A. Estell*

- β-Galactoside Transport in E. coli: A Functional Dissection of Lac Permease
  *H. Ronald Kaback, Eitan Bibi and Paul D. Roepe*

- Similar Amino Acid Sequences Revisited
  *Russell F. Doolittle*

### PROTEIN CONFORMATION

- Protein Crystallography: More Surprises Ahead
  *David Eisenberg and Christopher P. Hill*

- Catalysis in Enzyme Crystals
  *J. Hajdu, K. R. Acharya, D. I. Stewart, D. Barford and L. N. Johnson*

- What Can Two-dimensional NMRT Tell us About Proteins?
  *Peter E. Wright*

- Circular Dichroism of Proteins
  *N. Neumann and G. Snatzke*

- Conformational Stability of Globular Proteins
  *C. Nick Pace*

- How Does Protein Folding Get Started?
  *Robert L. Baldwin*

- Protein Conformational Prediction
  *Gerald D. Fasman*