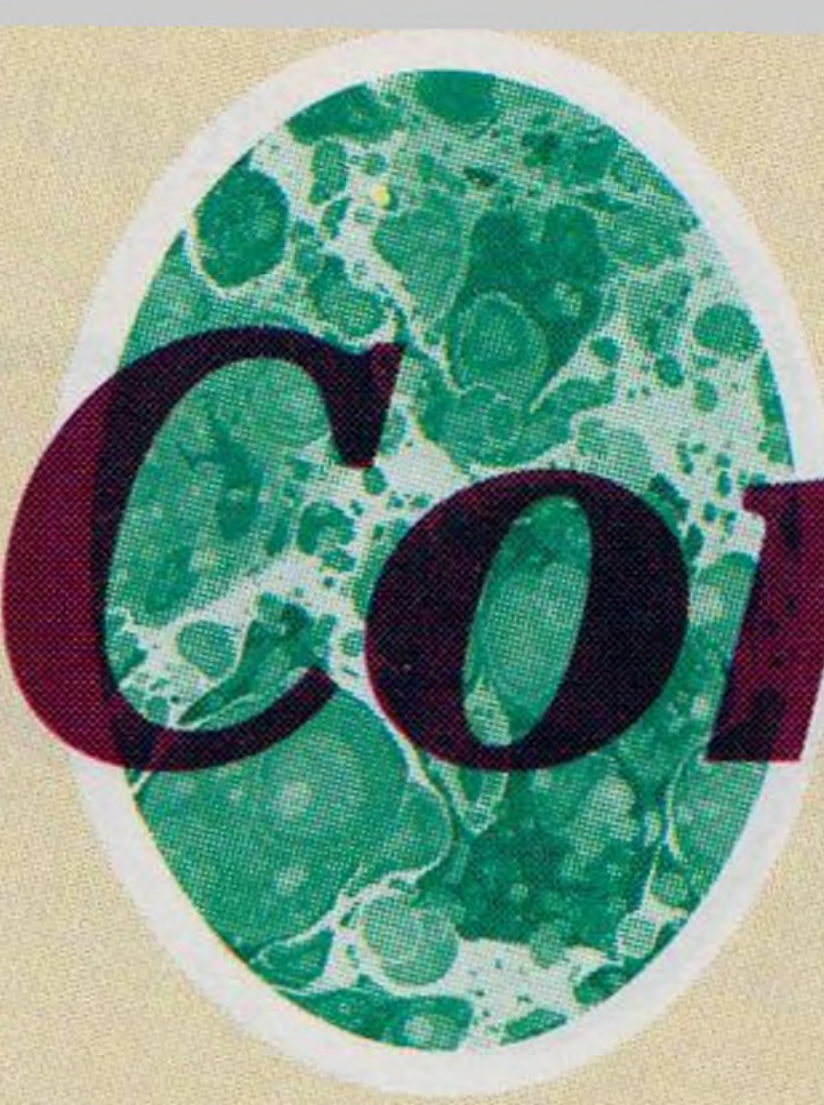


Brief Contents



1 Biochemistry: An Introduction / 1

2 Living Cells / 18

3 Water: The Medium of Life / 37

4 Energy / 60

5 Peptides and Proteins / 77

6 Enzymes / 117

7 Carbohydrates / 149

8 Carbohydrate Metabolism / 179

9 Aerobic Metabolism / 216

10 Lipids and Membranes / 258

11 Lipid Metabolism / 292

12 Photosynthesis / 336

13 Nitrogen Metabolism I:
Synthesis / 361

14 Nitrogen Metabolism II:
Degradation / 408

15 Integration of Metabolism / 433

16 Nucleic Acids / 460

17 Nucleic Acid Metabolism / 490

18 Protein Synthesis / 530

19 Biotransformation / 562

Solutions to Odd-Numbered
Problems / 583

Glossary / 607

Credits / 617

Index / 619

Techniques in Biochemistry
Supplement / S-1