

# CONTENTS

Preface

1. History of molecular medicine	1
2. DNA, RNA, genes and chromosomes	17
3. Mendelian genetic traits	43
4. Complex genetic traits	77
5. Genomics, proteomics and bioinformatics	119
6. Genetic and cellular therapies	143
7. Reproduction and development	175
8. Infectious diseases	193
9. Forensic medicine and science	221
10. Ethical, legal and social implications	237
Appendix—Molecular technology	259
Glossary and abbreviations	279
Index	297