

Contents

Contributors xi

1. Organization of the Endocrine System 3
2. Genes and Hormones 21
3. Mechanisms of Hormone Action 58
4. Assessment of Endocrine Function 99
5. The Anterior Pituitary and Hypothalamus 116
6. The Posterior Pituitary and Water Metabolism 148
7. Sexual Differentiation 172
8. Female Reproductive Function 194
9. Male Reproductive Function 239
10. Fertilization, Implantation,
and Endocrinology of Pregnancy 264
11. Growth Regulation 292
12. The Thyroid 311

13. The Adrenal Glands	346
14. Calcium Homeostasis	381
15. Glucose, Lipid, and Protein Metabolism	411
<i>Index</i>	441