


xvi

<b>402 Hypopituitarism</b> . . . . .	2255
<i>Shlomo Melmed, J. Larry Jameson</i>	
<b>403 Anterior Pituitary Tumor Syndromes</b> . . . . .	2261
<i>Shlomo Melmed, J. Larry Jameson</i>	
<b>404 Disorders of the Neurohypophysis</b> . . . . .	2274
<i>Gary L. Robertson</i>	
<b>405 Disorders of the Thyroid Gland</b> . . . . .	2283
<i>J. Larry Jameson, Susan J. Mandel, Anthony P. Weetman</i>	
<b>406 Disorders of the Adrenal Cortex</b> . . . . .	2309
<i>Wiebke Arlt</i>	
<b>407 Pheochromocytoma</b> . . . . .	2329
<i>Hartmut P. H. Neumann</i>	
<b>408 Multiple Endocrine Neoplasia</b> . . . . .	2335
<i>Rajesh V. Thakker</i>	
<b>409 Autoimmune Polyendocrine Syndromes</b> . . . . .	2344
<i>Peter A. Gottlieb</i>	

**SECTION 2 REPRODUCTIVE ENDOCRINOLOGY**


<b>410 Disorders of Sex Development</b> . . . . .	2349
<i>John C. Achermann, J. Larry Jameson</i>	
<b>411 Disorders of the Testes and Male Reproductive System</b> . . . . .	2357
<i>Shalender Bhasin, J. Larry Jameson</i>	
<b>412 Disorders of the Female Reproductive System</b> . . . . .	2375
<i>Janet E. Hall</i>	
<b>413 Menopause and Postmenopausal Hormone Therapy</b> . . . . .	2381
<i>JoAnn E. Manson, Shari S. Bassuk</i>	
<b>414 Infertility and Contraception</b> . . . . .	2387
<i>Janet E. Hall</i>	

**SECTION 3 OBESITY, DIABETES MELLITUS, AND METABOLIC SYNDROME**







 <b>415e Biology of Obesity</b> . . . . .	2392
<i>Jeffrey S. Flier, Eleftheria Maratos-Flier</i>	
<b>416 Evaluation and Management of Obesity</b> . . . . .	2392
<i>Robert F. Kushner</i>	
<b>417 Diabetes Mellitus: Diagnosis, Classification, and Pathophysiology</b> . . . . .	2399
<i>Alvin C. Powers</i>	
<b>418 Diabetes Mellitus: Management and Therapies</b> . . . . .	2407
<i>Alvin C. Powers</i>	
<b>419 Diabetes Mellitus: Complications</b> . . . . .	2422
<i>Alvin C. Powers</i>	
<b>420 Hypoglycemia</b> . . . . .	2430
<i>Philip E. Cryer, Stephen N. Davis</i>	
<b>421 Disorders of Lipoprotein Metabolism</b> . . . . .	2435
<i>Daniel J. Rader, Helen H. Hobbs</i>	
<b>422 The Metabolic Syndrome</b> . . . . .	2449
<i>Robert H. Eckel</i>	

**SECTION 4 DISORDERS OF BONE AND MINERAL METABOLISM**

<b>423 Bone and Mineral Metabolism in Health and Disease</b> . . . . .	2454
<i>F. Richard Bringhurst, Marie B. Demay, Stephen M. Krane, Henry M. Kronenberg</i>	
<b>424 Disorders of the Parathyroid Gland and Calcium Homeostasis</b> . . . . .	2466
<i>John T. Potts, Jr., Harald Jüppner</i>	








<b>425 Osteoporosis</b> . . . . .	2488
<i>Robert Lindsay, Felicia Cosman</i>	
 <b>426e Paget's Disease and Other Dysplasias of Bone</b> . . . . .	2504
<i>Murray J. Favus, Tamara J. Vokes</i>	

**SECTION 5 DISORDERS OF INTERMEDIARY METABOLISM**

<b>427 Heritable Disorders of Connective Tissue</b> . . . . .	2504
<i>Darwin J. Prockop, John F. Bateman</i>	
<b>428 Hemochromatosis</b> . . . . .	2514
<i>Lawrie W. Powell</i>	
<b>429 Wilson's Disease</b> . . . . .	2519
<i>George J. Brewer</i>	
<b>430 The Porphyrrias</b> . . . . .	2521
<i>Robert J. Desnick, Manisha Balwani</i>	
 <b>431e Disorders of Purine and Pyrimidine Metabolism</b> . . . . .	2533
<i>Christopher M. Burns, Robert L. Wortmann</i>	
 <b>432e Lysosomal Storage Diseases</b> . . . . .	2533
<i>Robert J. Hopkin, Gregory A. Grabowski</i>	
 <b>433e Glycogen Storage Diseases and Other Inherited Disorders of Carbohydrate Metabolism</b> . . . . .	2534
<i>Priya S. Kishmani, Yuan-Tsong Chen</i>	
 <b>434e Inherited Disorders of Amino Acid Metabolism in Adults</b> . . . . .	2534
<i>Nicola Longo</i>	
 <b>435e Inherited Defects of Membrane Transport</b> . . . . .	2534
<i>Nicola Longo</i>	
 <b>436e Atlas of Clinical Manifestations of Metabolic Diseases</b> . . . . .	2534
<i>J. Larry Jameson</i>	

 **PART 17 Neurologic Disorders**

**SECTION 1 DIAGNOSIS OF NEUROLOGIC DISORDERS**

<b>437 Approach to the Patient with Neurologic Disease</b> . . . . .	2535
<i>Daniel H. Lowenstein, Joseph B. Martin, Stephen L. Hauser</i>	
 <b>438e The Neurologic Screening Exam</b> . . . . .	2540
<i>Daniel H. Lowenstein</i>	
 <b>439e Video Atlas of the Detailed Neurologic Examination</b> . . . . .	2540
<i>Martin A. Samuels</i>	
 <b>440e Neuroimaging in Neurologic Disorders</b> . . . . .	2540
<i>William P. Dillon</i>	
 <b>441e Atlas of Neuroimaging</b> . . . . .	2541
<i>Andre D. Furtado, William P. Dillon</i>	
 <b>442e Electrodiagnostic Studies of Nervous System Disorders: EEG, Evoked Potentials, and EMG</b> . . . . .	2541
<i>Michael J. Aminoff</i>	
 <b>443e Technique of Lumbar Puncture</b> . . . . .	2541
<i>Elizabeth Robbins, Stephen L. Hauser</i>	
 <b>444e Biology of Neurologic Diseases</b> . . . . .	2541
<i>Stephen L. Hauser, Stanley B. Prusiner, M. Flint Beal</i>	

**SECTION 2 DISEASES OF THE CENTRAL NERVOUS SYSTEM**

<b>445 Seizures and Epilepsy</b> . . . . .	2542
<i>Daniel H. Lowenstein</i>	