

Contents

SECTION I: Hormones and Hormone Action

- 1 Principles of Endocrinology, 2
Henry M. Kronenberg, Shlomo Melmed, P. Reed Larsen, and Kenneth S. Polonsky
- 2 Clinical Endocrinology: A Personal View, 12
Lynn Loriaux
- 3 Principles of Hormone Action, 18
Mitchell A. Lazar and Morris J. Birnbaum
- 4 Genetics of Endocrinology, 49
Amit R. Majithia, David Altshuler, and Joel N. Hirschhorn
- 5 Health Care Reform, Population Health, and the Endocrinologist, 69
Glenn D. Braunstein
- 6 Laboratory Techniques for Recognition of Endocrine Disorders, 77
Patrick M. Sluss and Frances J. Hayes

SECTION II: Hypothalamus and Pituitary

- 7 Neuroendocrinology, 110
Malcolm J. Low
- 8 Pituitary Physiology and Diagnostic Evaluation, 176
Ursula Kaiser and Ken K. Y. Ho
- 9 Pituitary Masses and Tumors, 232
Shlomo Melmed and David Kleinberg
- 10 Posterior Pituitary, 300
Alan G. Robinson and Joseph G. Verbalis

SECTION III: Thyroid

- 11 Thyroid Physiology and Diagnostic Evaluation of Patients With Thyroid Disorders, 334
Domenico Salvatore, Terry F. Davies, Martin-Jean Schlumberger, Ian D. Hay, and P. Reed Larsen
- 12 Hyperthyroid Disorders, 369
Terry F. Davies, Peter Laurberg, and Rebecca S. Bahn
- 13 Hypothyroidism and Thyroiditis, 416
Gregory A. Brent and Anthony P. Weetman
- 14 Nontoxic Diffuse Goiter, Nodular Thyroid Disorders, and Thyroid Malignancies, 449
Martin-Jean Schlumberger, Sebastiano Filetti, Erik K. Alexander, and Ian D. Hay

SECTION IV: Adrenal Cortex and Endocrine Hypertension

- 15 The Adrenal Cortex, 490
Paul M. Stewart and John D. C. Newell-Price
- 16 Endocrine Hypertension, 556
William F. Young, Jr.

SECTION V: Reproduction

- 17 Physiology and Pathology of the Female Reproductive Axis, 590
Serdar E. Bulun
- 18 Hormonal Contraception, 664
Rebecca H. Allen, Andrew M. Kaunitz, and Martha Hickey
- 19 Testicular Disorders, 694
Alvin M. Matsumoto and William J. Bremner
- 20 Sexual Dysfunction in Men and Women, 785
Shalender Bhasin and Rosemary Basson

SECTION VI: Endocrinology and the Life Span

SECTION VI A: Maternal-Fetal

- 21 Endocrine Changes in Pregnancy, 832
Sarah L. Berga, Joshua F. Nitsche, and Glenn D. Braunstein
- 22 Endocrinology of Fetal Development, 849
Mehul T. Dattani and Evelien F. Gevers

SECTION VI B: Childhood

- 23 Pediatric Disorders of Sex Development, 893
John C. Achermann and Ieuan A. Hughes
- 24 Normal and Aberrant Growth in Children, 964
David W. Cooke, Sara A. DiVall, and Sally Radovick
- 25 Physiology and Disorders of Puberty, 1074
Dennis M. Styne and Melvin M. Grumbach

SECTION VI C: Adult

- 26 Hormones and Athletic Performance, 1219
Fabio Lanfranco, Ezio Ghigo, and Christian J. Strasburger
- 27 Endocrinology and Aging, 1234
Steven W. J. Lamberts and Annewieke W. van den Beld

SECTION VII: Mineral Metabolism

- 28 Hormones and Disorders of Mineral Metabolism, 1254
F. Richard Bringhurst, Marie B. Demay, and Henry M. Kronenberg
- 29 Osteoporosis and Bone Biology, 1323
Francisco J. A. de Paula, Dennis M. Black, and Clifford J. Rosen
- 30 Kidney Stones, 1365
Anirban Bose, Rebeca D. Monk, and David A. Bushinsky

SECTION VIII: Disorders of Carbohydrate and Fat Metabolism

- 31 Type 2 Diabetes Mellitus, 1386
Kenneth S. Polonsky and Charles F. Burant

- 32 Type 1 Diabetes Mellitus, 1451
Mark A. Atkinson
- 33 Complications of Diabetes Mellitus, 1484
*Michael Brownlee, Lloyd P. Aiello,
Mark E. Cooper, Aaron I. Vinik,
Jorge Plutzky, and Andrew J. M. Boulton*
- 34 Hypoglycemia, 1582
Philip E. Cryer
- 35 Neuroendocrine Control of Energy Stores, 1608
Roger D. Cone and Joel K. Elmquist
- 36 Obesity, 1633
Samuel Klein and Johannes A. Romijn
- 37 Disorders of Lipid Metabolism, 1660
*Clay F. Semenkovich, Anne C. Goldberg, and
Ira J. Goldberg*
- 38 Gastrointestinal Hormones and Gut Endocrine
Tumors, 1701
Adrian Vella

SECTION IX: Polyendocrine and Neoplastic Disorders

- 39 Multiple Endocrine Neoplasia, 1724
Stephen J. Marx and Samuel A. Wells, Jr.
- 40 The Immunoendocrinopathy Syndromes, 1762
*Jennifer M. Barker, Mark S. Anderson, and
Peter A. Gottlieb*
- 41 Endocrinology of HIV/AIDS, 1776
Steven K. Grinspoon
- 42 The Long-Term Endocrine Sequelae of
Multimodality Cancer Therapy, 1799
Robert D. Murray
- 43 Neuroendocrine Gastrointestinal and Lung
Tumors (Carcinoid Tumors), the Carcinoid
Syndrome, and Related Disorders, 1833
Kjell Öberg



UNIVERSIDAD CES
Un Compromiso con la Excelencia

BIBLIOTECA FUNDADORES