

RB Book Reviews

Laron Syndrome - From Man to Mouse Lessons from Clinical and Experimental Experience

Z. Laron, J.J. Kopchick, eds.

Springer, Heidelberg, Germany, 2010

520 pages, hard cover, \$219; Euro 159

ISBN :978-3-642-11182-2; e-ISBN: 978-3-642-11183-9

In this comprehensive book the authors draw upon 50 years of multidisciplinary clinical and investigative follow-up of the large Israeli cohort of Laron syndrome (LS) patients. The genetic basis of the syndrome is fully considered, and all aspects of the pathophysiology of IGF-I deficiency are described. Data derived from the recently generated mouse model of LS are reviewed and compared with the human LS experience. Valuable advice is provided on treatment, and treatment effects, such as metabolic effects, adipose tissue alterations, and impact on aging, are fully explored. Together, this book condenses, consolidates, compares, and contrasts data derived from the human and mouse LS experiences and provides a unique resource for clinical and basic scientists to evaluate and compare IGF-I and GH actions. ■

Adipose Tissue Development - From Animal Models to Clinical Conditions

C. Levy-Marchal, L. Penicaud, eds.

Karger, Switzerland, 2010

96 pages, hard cover, \$98.00; 72.50 Euro

ISBN 978-3-8055-9450-9

In Volume 19 of the series Endocrine Development the contributors review in a very concise and clear manner, in 8 chapters, basic (5 chapters) and clinical aspects (3 chapters) of adipose tissue and obesity. ■

Pituitary Today II - New Molecular, Physiological and Clinical Aspects

E. Arzt, M. Bronstein, M. Guitelman, eds.

Karger, Switzerland, 2010

218 pages, hard cover, \$180.00; 133.50 Euro

ISBN 978-3-8055-9444-8

Volume 38 of the series Frontiers of Hormone Research presents in 25 chapters recent scientific achievements concerning pituitary hormones, diagnosis and treatment of pituitary tumors. Three of the papers relate to hypothalamic physiology. The articles are based on lectures held at the Meeting in Angra dos Reis in Brazil, November 2008. ■

Pediatric Endocrinology, 3rd ed.

M.A. Sperling

Saunders Elsevier, USA, 2010

888 pages, hard cover, 76.99 Pounds Sterling

ISBN 978-1-4160-4090-3

A well written complete textbook of pediatric endocrinology, amply illustrated, with useful tables and highly referenced. Written by well known pediatric endocrinologists. Recommended. ■

Clinical and Basic Immunodermatology

A.A. Gaspari, S.K. Tyring, eds.

Springer, Germany, 2009

830 pages, paper cover, \$99.00; Euro 79.95

ISBN 978-1-84882-851-3

New technological advances, new information in the field of cellular immunity and immunopharmacology in relation to skin diseases are reviewed in 4 large sections:

Concepts of fundamental importance for understanding skin diseases (11 chapters)

Common skin diseases (16 chapters)

Immunopharmacology (7 chapters)

Autoimmunity, immunodeficiency and immune associated dermatoses (11 chapters)

For teaching and practicing dermatologists and immunologists. ■

Challenging Cases in Allergy and Immunology

M. Mahmoudi, ed.

Humana Press, USA 2009

331 pages, hard cover, \$99.00

ISBN 978-1-60327-442-5

This is an interesting text for allergologists, dermatologists and immunologists, and to those training in these professions. The authors present patient histories and discuss the differential diagnosis and treatment of 20 disease entities, including those in the pediatric age group (such as atopic dermatitis, food allergies, contact dermatitis, etc.). Excellent for teaching. ■

The Inflammatory Myopathies

L.J. Kagen, ed.

Humana Press, USA, 2009

342 pages, hard cover, \$99.00

ISBN 978-1-60327-828-7

In 11 chapters the authors review recent knowledge on the above group of disease, including dermatomyositis. The etiology, diagnosis, tests and treatment are discussed. Juvenile forms are also reviewed. With many illustrations, most in color. Of interest to rheumatologists, neurologists and physical therapists. ■

Essentials of Chinese Medicine, 3 volumes

Zhanwen Liu, ed.

Springer, Germany, 2009

1533 pages, hard cover, \$349.00; 259.00 Euro

ISBN 978-1-84882-111-8

In recent years the western world has seen an expansion of Chinese medicine both in Europe and the Americas. Thus these volumes written by a Chinese team is very timely.

Volume 1 describes the basic foundations (theories) of Chinese medicine, its methodology, the structure and functions of the human body, and the etiology of diseases according to Chinese medicine. Also diagnostic methods and therapies are reviewed.

Volume 2 - Clinical fundamentals in Chinese medicine is devoted to acupuncture, moxibustion and herbal therapy.

Volume 3 - Essentials of clinical specialities in Chinese medicine such as internal medicine, pediatrics, gynecology, dermatology, ENT and emergency medicine. ■

A series of books on diabetes mellitus have recently appeared due to the increasing incidence of this disease in recent years

Diabetes Rising - How a Rare Disease Became a Modern Pandemic, and What to do About it

Dan Hurley

Kaplan Publishing, USA, 2010

312 pages, hard cover, \$26.95

ISBN 978-1-60714-458-8

The author, a medical journalist describes the early history of diabetes mellitus and recent rise in incidence (4 chapters). He goes on to discuss the possible reasons for the rise of Type 1 diabetes mellitus such as the accelerator hypothesis, the cow's milk protein theory, Vit. D and the hygiene hypothesis (5 chapters). The third part (4 chapters) reviews the fight to find a cure (artificial pancreas, bariatric surgery for Type 2 diabetes mellitus). In the last chapter the author comes to the conclusion that "prevention" seems to be the key solution. We agree.

A book not only for lay people, patients and their families, but also for physicians. ■

Therapy for Diabetes Mellitus and related Disorders, 5th ed.

American Diabetes Association

665 pages, hard cover, \$55.95

ISBN 978-1-58040-304-7

This is the 5th and updated edition of a very popular text. It has been enlarged and comprises within its 54 chapters the management of Type 1 diabetes in children, insulin pumps therapy, use of new insulin and oral drugs. Mainly designed for practitioners, it is useful also for trainees. ■

Annual Review of Diabetes 2010

American Diabetes Association

421 pages, paper cover, \$47.96

ISBN 978-1-58040-339-9

As the title states, this book contains 57 papers on new advances in diabetes published in the US specialized literature. ■

Meeting the American Diabetes Association Standards of Care

M.B. Davidson

American Diabetes Association

116 pages, hard cover, \$63.95

ISBN 978-1-58040-338-2

A useful text for practitioners and trainees. One of the 5 parts is on treatment of dyslipidemia and another on hypertension. ■

Medical Management of Type 1 Diabetes, 5th ed.

F.R. Kaufman

American Diabetes Association

254 pages, paper cover, \$39.95

ISBN 978-1-58040-309-2

A clear written text for practitioners, trainees, students and nurses. ■

Medical Management of Pregnancy Complicated by Diabetes, 4th ed.

L.B. Jovanovic

American Diabetes Association

169 pages, paper cover, \$39.95

ISBN 978-1-58040-232-3

A practical guide for obstetricians, practitioners, trainees, nurses and neonatologists as one chapter is devoted to the neonatal care of infants of diabetic mothers. ■

Managing Pre-existing Diabetes and Pregnancy - Technical Reviews and Consensus Recommendations for Care

J.L. Kitzmiller, L. Jovanovic, F. Brown, D. Coustan, D.M. Reader, eds.

American Diabetes Association

827 pages, hard cover, \$71.95

ISBN 978-1-58040-295-8

An important text divided into 4 parts:

1. Managing pre-existing diabetes mellitus for pregnancy (incl. the use of insulin analogues)
2. Management of diabetic/medical complications in pregnancy
3. Obstetrical management incl. a chapter on management of delivery and one on the infant and children of diabetic mothers
4. Postpartum management incl. breast feeding.

Highly referenced, for obstetricians and neonatologists. ■

Pancreatology - From Bench to Bedside

J. Iovanna, U. Ismailov, eds.

Springer, Germany, 2009

92 pages, paper cover, \$49.95; 39.95 Euro

ISBN 978-3-642-00151-2

The most frequent pancreatic diseases in adults are reviewed in 9 chapters. Includes one chapter on the use of cannabinoids. Clearly written with illustrations in color. For internists and surgeons. ■

Pancreatic Stem Cells

Juan Dominguez Bendala

Humana Press, Springer, USA, Germany, 2009

154 pages, hard cover, 128.35 Euro

ISBN 978-1-6076-1131-8

Part of the series Stem Cell Biology and regenerative Medicine, this book discusses a field of great interest at present. The titles of the chapters are: the pancreas (anatomy and physiology), pancreatic development, pancreatic regeneration, stem cell differentiation, adult stem cells and pancreatic differentiation, transdifferentiation and islet cell transplantation. With 787 references. For research diabetologists. ■

Stem Cell Therapy for Diabetes

S. Efrat, ed.

Humana Press, Springer, USA, Germany, 2010

291 pages, hard copy, 128.35 Euro

ISBN 978-1-60761-365-7

From the same Series as the previous book, this volume reviews in 3 parts new methods in replacing beta cells to man:

- Part 1: Beta cell expansion and regeneration (5 chapters)
- Part 2: Beta cells from non beta cells (5 chapters)
- Part 3: Tissue engineering and immune protection (3 chapters)

For research diabetologists. ■

Using Insulin Pumps in Diabetes - A Guide for Nurses and Other Health Professionals

J. Rodgers

John Wiley & Sons, UK, 2008

209 pages, paper cover,

ISBN 978-0-470-05925-8

The use of continuous insulin infusion pumps for the treatment of patients with diabetes of small children to adults is spreading rapidly. This is a practical guide for nurses and diabetes educators. ■

Primary Carcinomas of the Liver

H.K. Hussain, I.R. Francis, eds.

Cambridge University Press, UK, 2010

241 pages, hard cover, \$90.00; 50.00 Pounds Sterling

ISBN 978-0-5215-1951-9

Part of the Series Contemporary Issues in Cancer Imaging, this volume reviews in 12 chapters the epidemiology, possible etiology, diagnosis, including imaging, pathology and treatment of primary liver malignancies. For internists, nutritionists, radiologists, surgeons and oncologists. ■

The Thyroid and Reproduction

J. Lazarus, V. Pirags, S. Butz, eds.

Georg Thieme Verlag, Germany, 2009

174 pages, paper back, 9.95 Euro, 18.70 CHF

ISBN 978-3-13-146721-8

Selected proceedings, plenaries and short communications of a Merck European Thyroid Symposium held in Riga, May 2008.

1. It contains 5 sections:
2. Assisted reproduction (4 chapters)
3. Thyroid function and pregnancy (4 chapters)
4. Management of thyroid disorders in pregnancy (4 chapters)
Mother and child after delivery (5 chapters) incl. neonatal thyroid screening
5. Clinical cases and short communications

Worth every penny. ■

Fetal Echocardiography - A Practical Guide

L.D. Allan, A.C. Cook, I.C. Huggon

Cambridge University Press, UK, 2009

259 pages, hard cover, \$190.00; 95.00 Pounds Sterling

ISBN 978-0-5216-9520-6

A comprehensive, highly illustrated guide for fetal heart ultrasonography. For pediatric cardiologists, neonatologists, obstetricians and sonographers. ■

Triumph of the Heart - The Story of Statins

Jie Jack Li

Oxford University Press, USA, 2009

201 pages, hard cover, \$29.95

ISBN 978-0-19-532357-3

The exciting story of the widely used cholesterol drugs, the statins. Without doubt this class of drugs is a milestone in the therapeutic history of medicine. The author trespasses the main theme and provides further interesting data, incl. the people behind them. Recommended reading. ■

A Practical Guide to the Evaluation of Child Physical Abuse and Neglect, 2nd ed.

A.P. Giardino, M.A. Lyn, E.R. Giardino, eds.

Springer, Germany, 2010

513 pages, hard cover, 128.35 Euro

ISBN 978-1-4419-0701-1

This second and enlarged edition discusses the important and universal problem related to the main theme. It has 4 parts:

Part 1: Child abuse as a health problem (2 chapters)

Part 2: Specific injuries (7 chapters)

Part 3: Related issues (3 chapters) incl. intimate partner violence

Part 4: Team work and legal issues (4 chapters)

With many illustrations. Does not review sexual abuse.

For all pediatricians, public health workers, child health and school personnel, child psychologists and psychiatrists. ■

Two books on autism have recently been published. this topics is more and more discussed.

Autism - Current Theories and Evidence

A.W. Zimmerman, ed.

Humana Press - Springer, USA, Germany, 2008

474 pages, hard copy, \$139.00; 92.95 Euro

ISBN 978-1-60327-488-3

A scientific treatise discusses present ideas on the etiology of this still not completely clarified disorder or group of disorders. The book has 20 chapters divided into 6 parts.

Part 3 (4 chapters) reviews the possible endocrine and metabolic involvements. Mainly, but not only, for neurobiologists, psychologists and psychiatrists. Recommended. ■

Autism and its Medical Management - A Guide for Parents and Professionals

M.G. Chez

Jessica Kingsley Publ., UK, 2009

222 pages, paper cover, 13.99 Pounds Sterling

ISBN 978-1-8490-5817-9

A clear and easy to read text divided into 5 parts:

Part 1: Overview (2 chapters)

Part 2: Definitions, diagnosis and clinical aspects (6 chapters)

Part 3: Theories and autistic spectrum disorders (5 chapters)

Part 4: Overview of treatment (4 chapters)

Part 5: Medications (6 chapters)

Contains tables, figures and a bibliography. ■

Stahl's Illustrated Attention Deficit Hyperactivity Disorder

S.M. Stahl, L. Mignon

Cambridge University Press, USA, 2009

150 pages, paper cover, \$39.99; 24.99 Pounds Sterling

ISBN 978-0-5211-3315-9

A visual education of the pathophysiology and treatment of ADHD, a frequently diagnosed disorder in children. For pediatricians in practice, trainees in pediatric neurology, medical and psychology students. ■

Immunoassay and Other Bioanalytical Techniques

J.M. Van Emon, ed.

CRC Press Taylor & Francis, USA, 2007

512 pages, hard cover, \$149.95

ISBN 978-0-8493-3942-4

A comprehensive treatise on the concepts and principles of immunochemical and bioanalytical methods. ■

Handbook of Motivation and Cognition Across Cultures

R.M. Sorrentino, S. Yamaguchi

Elsevier Academic Press, USA, 2008

600 pages, hard cover,

ISBN 978-0-12-373694-9

In the era of globalization with almost no borders, the interest in transcultural aspects has increased. The team of authors examines in 24 chapters various aspects of motivation, goals, self esteem and stress, the similarities and differences between societies and cultures. Mainly for psychologists, sociologists, but of interest also to curious physicians who find the motivation to transgress their specific speciality borders. ■

Forced Marriage: A Special Bulletin

C. Heaton, L. McCallum, R. Jogi

Jordan Publ. Ltd., UK, 2009

208 pages, paper cover, 39.00 Pounds Sterling

ISBN 978-1-84661-167-4

Forced marriage involves in principle children obliged by their parents to marry older men. In some societies also boys are promised to young females. This book reviews the legal aspects as enforced in the United Kingdom by a civil protection act (2007). ■

Infections of Leisure, 4th ed.

D. Schlossberg, ed.

ASM Press, USA, 2009

429 pages, paper cover, \$69.95

ISBN 978-1-55581-484-7

As people spend more and more time outdoors, so increases the danger of infections. This volume reviews in 19 chapters the infections pathogens encountered in nature, travelling (incl. by air), in zoos, cruise ships and restaurants. A practical consulting for everyone but learning for public health workers and providers. ■

Principles of Evolutionary Medicine

P. Gluckman, A. Beedle, M. Hanson

Oxford University Press, USA, 2010

296 pages, paper cover, \$65.00

ISBN 978-0-1992-3639-8

A very interesting book meant to explain in a clear manner the evolutionary theory. It is divided into 3 parts:

Part 1: Fundamentals of evolutionary biology (6 chapters)

Part 2: Understanding human disease from an evolutionary perspective (4 chapters)

Part 3: An evolutionary framework for health and disease (2 chapters)

The authors try to explain how genetic, developmental metabolic and infectious diseases are related to the evolutionary theory. Part 3 explores also the relation to cancer and other frequent diseases in modern society, and touches slightly on religions and social aspects.

An important read. The first part should be obligatory in high schools. ■

Reviewed by Zvi Laron, MD