SPRING 2017 – Title Selection
Medicine – Internal Medicine

978-3-319-49039-7  Adler  Upper Endoscopy for GI Fellows
978-3-319-53785-6  Bateson  Clinical Investigations in Gastroenterology
978-3-319-49916-1  Baughman  Pulmonary Hypertension and Interstitial Lung Disease
978-3-319-46187-8  Bryan  Nitrite and Nitrate in Human Health and Disease
978-1-4939-6870-1  Casoli  Human T-Lymphotropic Viruses
978-3-319-43445-2  Celedón  Achieving Respiratory Health Equality
978-981-10-2415-3  Chayama  Hepatitis C Virus Treatment
978-3-319-42356-2  Conigliaro  Diagnosis and Endoscopic Management of Digestive Diseases
978-3-319-43125-3  Cross  Liver Disease in Clinical Practice
978-3-319-41557-4  Dagogo-Jack  Diabetes Mellitus in Developing Countries and Underserved Communities
978-3-319-53788-7  Dandoy  Patient Safety and Quality in Pediatric Hematology/Oncology and Stem Cell Transplantation
978-981-10-2847-2  Desai  Laparoscopic Donor Nephrectomy
978-3-319-52394-1  Eghtesad  Surgical Procedures on the Cirrhotic Patient
978-3-319-49015-1  Fichna  Introduction to Gastrointestinal Diseases Vol. 1
978-3-319-43294-6  Fisher  Essentials of SGLT2 Inhibitors in Diabetes
978-3-319-46884-6  Fisichella  Failed Anti-Reflux Therapy
978-3-319-50888-7  Fong  Emerging Zoonoses
978-3-319-40906-1  Forman  Primary Sclerosing Cholangitis
<table>
<thead>
<tr>
<th>ISBN</th>
<th>Author</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>978-3-319-53090-1</td>
<td>Gardner</td>
<td>Pancreatology: A Clinical Casebook</td>
<td></td>
</tr>
<tr>
<td>978-3-319-45948-6</td>
<td>Geer</td>
<td>The Hypothalamic-Pituitary-Adrenal Axis in Health and Disease</td>
<td>Cushing’s Syndrome and Beyond</td>
</tr>
<tr>
<td>978-81-322-0821-1</td>
<td>Ghoshal</td>
<td>Evaluation of Gastrointestinal Motility and its Disorders</td>
<td></td>
</tr>
<tr>
<td>978-3-319-41452-2</td>
<td>Giamberardino</td>
<td>Comorbidities in Headache Disorders</td>
<td></td>
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<td>978-3-319-26271-0</td>
<td>Grosset</td>
<td>Handbook of Tuberculosis</td>
<td></td>
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<tr>
<td>978-1-4939-6698-1</td>
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<td>Hepatitis B Virus</td>
<td>Methods and Protocols</td>
</tr>
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<td>Gutiérrez</td>
<td>Clinical Aspects of Natural and Added Phosphorus in Foods</td>
<td></td>
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<tr>
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<td>Sex Hormones, Exercise and Women</td>
<td>Scientific and Clinical Aspects</td>
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<td>978-3-319-52820-5</td>
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<td>Surgical Aspects of Peritoneal Dialysis</td>
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<td>Atlas of Thyroid Ultrasonography</td>
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<td>Hass</td>
<td>Capsule Endoscopy</td>
<td>A Guide to Becoming an Efficient and Effective Reader</td>
</tr>
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<td>978-3-319-48834-9</td>
<td>Hibbs</td>
<td>Respiratory Outcomes in Preterm Infants</td>
<td>From Infancy through Adulthood</td>
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<td>Hibi</td>
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<td>Handbook of Acute Leukemia</td>
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<td>From Science to Clinic</td>
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<td>Endocrine and Neuroendocrine Surgery</td>
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<td>Islam</td>
<td>Thrombosis and Embolism: from Research to Clinical Practice</td>
<td>Volume 1</td>
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<td>Paroxysmal Nocturnal Hemoglobinuria</td>
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<td>Koch</td>
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<td>Diagnosis and Treatment</td>
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<td>Hematologic Abnormalities and Acute Lung Syndromes</td>
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<td>Discussing Migraine With Your Patients</td>
<td>A Common Sense Guide for Clinicians</td>
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<td>978-1-4939-6653-0</td>
<td>Minarovits</td>
<td>Epstein Barr Virus</td>
<td>Methods and Protocols</td>
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<td>978-4-431-56099-9</td>
<td>Miyamura</td>
<td>Hepatitis C Virus II</td>
<td>Infection and Disease</td>
</tr>
<tr>
<td>978-981-10-0838-2</td>
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<td>Chronic Obstructive Pulmonary Disease</td>
<td>A Systemic Inflammatory Disease</td>
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<tr>
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<td>Pathology of the Bile Duct</td>
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<tr>
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<td>Oleson</td>
<td>Osteoporosis Rehabilitation</td>
<td>A Practical Approach</td>
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<td>Pacak</td>
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<tr>
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<td>Pelaia</td>
<td>Asthma: Targeted Biological Therapies</td>
<td></td>
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<td>978-3-319-44487-1</td>
<td>Pokorski</td>
<td>Respiratory Treatment and Prevention</td>
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<td>978-3-319-48032-9</td>
<td>Pokorski</td>
<td>Advancements in Clinical Research</td>
<td></td>
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<td>978-3-319-49294-0</td>
<td>Pokorski</td>
<td>Pathobiology of Pulmonary Disorders</td>
<td></td>
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<tr>
<td>978-3-319-43025-6</td>
<td>Rippe</td>
<td>Nutrition in Lifestyle Medicine</td>
<td></td>
</tr>
<tr>
<td>978-3-319-53873-0</td>
<td>Roberts</td>
<td>Clinical Medical Ethics</td>
<td>Landmark Works and the Legacy of Mark Siegler, MD.</td>
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<tr>
<td>978-4-431-55686-2</td>
<td>Saito</td>
<td>IgG4-Related Kidney Disease</td>
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<tr>
<td>978-3-319-40240-6</td>
<td>Scaramuzza</td>
<td>Research into Childhood-Onset Diabetes</td>
<td>From Study Design to Improved Management</td>
</tr>
<tr>
<td>978-3-319-46525-8</td>
<td>Schnapp</td>
<td>Acute Lung Injury and Repair</td>
<td>Scientific Fundamentals and Methods</td>
</tr>
<tr>
<td>978-3-319-48661-1</td>
<td>Sellin</td>
<td>Managing Gastrointestinal Complications of Diabetes</td>
<td></td>
</tr>
<tr>
<td>978-3-319-42762-1</td>
<td>Sesok-Pizzini</td>
<td>Neonatal Transfusion Practices</td>
<td></td>
</tr>
<tr>
<td>978-3-319-13388-1</td>
<td>Simmons</td>
<td>Integrated Diabetes Care</td>
<td>A Multidisciplinary Approach</td>
</tr>
<tr>
<td>978-981-10-3508-1</td>
<td>Stewart</td>
<td>Diabetic Retinopathy</td>
<td>Current Pharmacologic Treatment and Emerging Strategies</td>
</tr>
<tr>
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<td>Takiguchi</td>
<td>Molecular Targeted Therapy of Lung Cancer</td>
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<tr>
<td>978-4-315-56060-9</td>
<td>Tazuma</td>
<td><em>Bile Acids in Gastroenterology</em></td>
<td>Basic and Clinical</td>
</tr>
<tr>
<td>978-3-319-49928-4</td>
<td>Temple</td>
<td><em>Nutrition Guide for Physicians and Related Healthcare Professionals</em></td>
<td></td>
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<tr>
<td>978-3-319-39707-8</td>
<td>Vora</td>
<td><em>Childhood Acute Lymphoblastic Leukemia</em></td>
<td></td>
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<td>978-3-319-48468-6</td>
<td>Ward</td>
<td><em>Sepsis</em></td>
<td></td>
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<tr>
<td>978-4-315-56521-5</td>
<td>Watanabe</td>
<td><em>Adult T-cell Leukemia/Lymphoma</em></td>
<td></td>
</tr>
</tbody>
</table>
**Upper Endoscopy for GI Fellows**

This volume provides a concise overview of the most important and vital aspects of upper endoscopy. The text is specifically geared towards first-year GI fellows and novice endoscopists in order to help them rapidly assimilate the core concepts needed to perform upper endoscopy in the most important and most commonly encountered clinical situations. The book also covers the most important variations of normal anatomy and pathology and how to manage them. Key concepts covered include foreign body removal, diagnosis and management of upper GI bleeding, Barrett’s Esophagus, evaluation and management of benign and malignant strictures of the esophagus, stomach, and duodenum, submucosal...[...]

More on www.springer.com/978-3-319-49039-7

**Forthcoming**

M.C. Bateson, I.A.D. Bouchier

**Clinical Investigations in Gastroenterology**

The new edition of this book provides a comprehensive review of the basic tests available in gastroenterology. Chapters examine widely-used modern techniques such as ultrasonography for Crohn’s disease, capsule endoscopy, elastography and video prospective dysphagia among others. Fully updated to reflect the recent advances in the field in the last 20 years, this volume evaluates investigations for their current clinical usefulness in the management of patients. The reader will benefit from a critical analysis describing those older tests which have proved their worth alongside the newer procedures which have been introduced. Emphasis is placed on those techniques of which there are a few.

More on www.springer.com/978-3-319-53785-6

**Forthcoming**

R.P. Baughman, R.G. Carbone, S.D. Nathan (Eds.)

**Pulmonary Hypertension and Interstitial Lung Disease**

The first edition of this book, published in 2009, was the only book of its kind dedicated exclusively to the diagnosis and management of pulmonary arterial hypertension (PAH) in patients with interstitial lung disease (ILD). Over the past few years, new diagnostic tests and treatments of pulmonary arterial hypertension have been developed and tested. Diagnostic testing has led to more frequent and specific diagnosis in PAH patients, leading to the more widespread use of effective treatment and improved quality of life and reduction of mortality for PAH patients. Pulmonary Hypertension and Interstitial Lung Disease: A Clinical Guide, Second Edition provides an updated and expanded...[...]

More on www.springer.com/978-3-319-49916-1

**Human T-Lymphotropic Viruses**

Methods and Protocols

While HIV-1 continues to be well-researched, this detailed volume draws attention to other members of the Retrovirus family, namely the Human T-lymphotropic Viruses (HTLVs), featuring the most updated technical information about HTLV determination and the methods to investigate their interaction with the host immune system and interfering pathogens. The contents include essential aspects of epidemiology and virus transmission, novel and robust methodologies for studying the effects of trans-activating regulatory HTLVs’ proteins, the latest techniques for genotyping and gene expression analysis, as well as cellular phenotype and dynamics. Written in the highly successful Methods in...[...]

More on www.springer.com/978-1-4939-6870-1

**Achieving Respiratory Health Equality**

A United States Perspective

Including comprehensive coverage of health disparities commonly encountered in pediatric and adult pulmonary, critical care, and sleep medicine, Achieving Respiratory Health Equality in the United States provides a definitive reference on this prominent issue. Expert authors explore questions such as: * What is the evidence that respiratory health disparities exist? * What do we know about the causes of the disparities? * What are the clinical implications? * What can be done to address the particular disparities and thus achieve health equality? Recognizing the magnitude of this problem, the American Thoracic...[...]

More on www.springer.com/978-3-319-46187-8

**Nitrite and Nitrate in Human Health and Disease**

This fully revised and updated new edition provides a comprehensive look at nitrite and nitrate and their effect on human health and disease. The first section describes the biochemical analysis of nitrite and nitrate and its role in human physiology. The book then shifts to sources of human exposure of nitrite and nitrate, including environmental and dietary. Finally, the last section discusses nitric oxide-based therapeutics and how nitrite and nitrate biochemistry can be safely harnessed to improve human health. Each chapter provides a balanced, evidence-based view and heavily cites the most recent published literature. They follow a strict chapter format which includes keywords...[...]

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**Nitrite and Nitrate in Human Health and Disease**

N.S. Bryan, J. Loscalzo (Eds.)

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**Achieving Respiratory Health Equality**

J.C. Cledenon (Ed.)
Society (ATS) Executive Committee created a Health Equality[...]
More on www.springer.com/978-3-319-43445-2

Hardcover
2017. XI, 205 p. 22 illus., 19 illus. in color. (Respiratory Medicine)
▶ 96,29 €
ISBN 978-3-319-43445-2
Gewöhnlich versandfertig in 3-5 Werktagen.

Diagnosis and Endoscopic Management of Digestive Diseases
New Tools and Strategies
In this book, leading international experts describe and discuss the various techniques available for the screening, diagnosis, management, and follow-up of digestive diseases, providing clinically useful, up-to-date reviews that draw upon their own experience and focus attention on the most recent advances in the field. Among the wide range of topics covered are the use of confocal laser endomicroscopy in the gastrointestinal tract, endoscopic suture systems, endoscopic submucosal dissection, per oral endoscopic myotomy, and cholangioscopy systems. The experience of a leading surgical group in the application of endoscopic radiofrequency ablation in pancreatic cancer is reported, and [...] More on www.springer.com/978-3-319-42356-2

Hardcover
2017. VI, 227 p. 83 illus., 77 illus. in color.
▶ 144,44 €
ISBN 978-3-319-42356-2
Erscheinungstermin: March 12, 2017

Liver Disease in Clinical Practice
This pocket guide covers the common manifestations of liver disease, how to treat them and when to refer patients on to specialist centers. The book outlines the common clinical liver diseases such as fatty liver disease and hepatitis, among others, and their current up to date management. Written by experts in the field and containing figures and tables, as well as case histories and questions, this is an enjoyable and reader-friendly book for the busy physician. With its authoritative, didactic style and short chapters, it covers the common presentations and complications of liver disease, and how to deal with them. Given the increasing prevalence of liver disease in the UK[...]
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Diabetes Mellitus in Developing Countries and Underserved Communities
Adopting a truly global perspective and a practical approach to diabetes—including pathophysiology, genetics, regional peculiarities, management, prevention and best practices—this book is an excellent resource for clinicians and policy-makers working with patients in more austere settings. The global prevalence of diabetes is estimated to increase from 422 million in 2014 to 592 million in 2035. Sadly, low- and middle-economy countries are projected to experience the steepest increase, but even in developed economies, vulnerable demographic subgroups manifest disparities in diabetes prevalence, quality of care, and outcomes. This book extends coverage to those underserved and [...] More on www.springer.com/978-3-319-41557-4

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Patient Safety and Quality in Pediatric Hematology/Oncology and Stem Cell Transplantation
This volume provides a concise yet comprehensive overview of patient safety issues and quality improvement for the pediatric hematology/oncology/stem cell transplant practice. The book reviews patient safety in complex healthcare delivery systems, delineates the various safety issues affecting pediatric hematology/oncology patients, and discusses quality improvement methods and improvement science that allow
the reader to implement and sustain change in their home institution. The text also explores mechanisms to measure quality and safety outcomes, allowing the provider to implement proven processes shown to minimize harm to patients. Written by experts in the field, Patient Safety [...] More on www.springer.com/978-3-319-53788-7

Hardcover
2017. 382 p. 58 illus., 33 illus. in color.
► 117,69 €
ISBN 978-3-319-53788-7
Erscheinungstermin: April 27, 2017

Laparoscopic Donor Nephrectomy
A Step-by-Step Guide
This book explains the development of various laparoscopic donor nephrectomy (LDN) techniques, which can be performed via the retroperitoneal or the transperitoneal approach. It provides a step-by-step explanation of LDN, including details of intricacies such as port positioning, dissection steps, securing the hilum and retrieval. It also reviews new techniques like robotic donor nephrectomy and single-port donor nephrectomy. Lastly, it explores the non-technical but equally important issues of donor work-up and legal and social aspects. LDN is a unique surgical procedure in which the surgeon operates on an individual who is not a patient but someone donating out of altruistic [...] More on www.springer.com/978-3-319-52394-1

Hardcover
2017. XII, 179 p. 128 illus., 127 illus. in color.
► 96,29 €
ISBN 978-3-319-52394-1
Erscheinungstermin: March 31, 2017

Surgical Procedures on the Cirrhotic Patient
This volume provides a concise yet comprehensive overview on surgical procedures performed on the cirrhotic patient. The text explains the underlying pathophysiologic alterations in liver disease and cirrhosis, provides assessment of disease severity and risk factors, and helps to predict potential outcomes based on the nature of the operation. Operations discussed in detail include bariatric surgery, colorectal surgery, hepatic surgery, kidney transplantation, gynecological procedures, neurosurgical procedures, and ophthalmic surgery. The book is also supplemented with instructive color illustrations and tables. Written by experts in the field, Surgical Procedures on the Cirrhotic [...] More on www.springer.com/978-3-319-52394-1

Introduction to Gastrointestinal Diseases Vol. 1
Our own experience shows that there is no simple, yet of good scientific and clinical quality guide for practitioners and patients on gastrointestinal diseases. In the proposed book we will cover a vast area in the field, from GI tract physiology to disease diagnosis and treatment, in a comprehensive and approachable manner. The guide will not replace online resources (often used by patients) or specialized editions addressing experienced medical doctors, but rather fill the gap between those two. Our aim is to design this book so that it appeals to a wider audience; yet – if needed – encourages to explore the field further. More on www.springer.com/978-3-319-49015-1

Hardcover
2017. XII, 139 p. 9 illus.
► 144,44 €
ISBN 978-3-319-49015-1
Gewöhnlich versandfertig in 3-5 Werktagen.

Essentials of SGLT2 Inhibitors in Diabetes
Written by experts in the field, this clinical handbook explores the novel SGLT2 drug class for the treatment of diabetes. This book includes evidence-based guidelines, major clinical trials, and a discussion of treatment options currently available, as well as those currently in development. Essentials of SGLT2 Inhibitors is an ideal educational resource for busy medical professionals who need to stay up-to-date with diabetes treatment advances in order to provide the best possible clinical care for their patients. More on www.springer.com/978-3-319-43294-6

Softcover
2017. XI, 68 p. 13 illus. in color.
► 42,79 €
ISBN 978-3-319-43294-6
Gewöhnlich versandfertig in 3-5 Werktagen.

Failed Anti-Reflux Therapy
Analysis of Causes and Principles of Treatment
This multiauthored text provides information on the pathophysiology of GERD, appropriate medical management, and proper indications for and performance of surgical and endoscopic procedures for GERD. Thousands of patients will experience inadequate relief from medical therapy or will develop
complications from their procedures or recurrent or new symptoms afterwards; this text describes in detail the proper evaluation and management of such patients. Beginning with an overview of the current understanding of the pathophysiology of GERD, the book moves onto new information regarding tissue susceptibility, the role of bile and digestive enzymes, and cyclic changes in LES tone. The next...]

More on [www.springer.com/978-3-319-46884-6]

Hardcover
2017. X, 143 p. 31 illus., 19 illus. in color.
► 96,29 €
ISBN 978-3-319-46884-6
Erscheinungstermin: March 20, 2017

L.M. Forman (Ed.)

**Primary Sclerosing Cholangitis**
Current Understanding, Management, and Future Developments

This text provides a state-of-the-art review of primary sclerosing cholangitis (PSC). The volume focuses on new data about risk factors for PSC, its natural history of the disease, and the epidemiology and genetics of PSC, while providing a comprehensive overview on current and future therapies for PSC, management of cholangiocarcinoma, and other hepatobiliary malignancies. It also touches upon up-to-date surgical and endoscopic management, including liver transplantation - both deceased donor and living related liver transplantation. Written by experts in the field, Primary Sclerosing Cholangitis: Current Understanding, Management, and Future Developments is a valuable resource for...

More on [www.springer.com/978-3-319-40906-1]

Hardcover
2017. XIII, 225 p. 44 illus., 28 illus. in color.
► 96,29 €
ISBN 978-3-319-40906-1
Gewöhnlich versandfertig in 3-5 Werktagen.

Forthcoming
T.B. Gardner, K.D. Smith (Eds.)

**Pancreatology**
A Clinical Casebook

This clinical casebook provides a comprehensive yet concise state-of-the-art review of pancreatic disease. Presented in a case-based format, each case focuses on a different variant of pancreatic disease and pancreatic cancer, with sections on diagnosis and early detection, management of the disease, and treatment of complications from the disease. The role of neoadjuvant therapy for pancreatic cancer and emerging treatment algorithms for chronic pancreatitis are also highlighted in the text. Written by experts in the field, Pancreatology: A Clinical Casebook is a valuable resource for clinicians, surgeons, and researchers interested in caring for patients with pancreatic disease.

More on [www.springer.com/978-3-319-53090-1]

Softcover
2017. X, 166 p. 21 illus., 6 illus. in color.
► 96,29 €
ISBN 978-3-319-53090-1
Erscheinungstermin: April 24, 2017

U.C. Ghoshal (Ed.)

**Evaluation of Gastrointestinal Motility and Its Disorders**

This multi-authored book covers most aspects of evaluation of gastrointestinal motility – a field that has been expanding in recent times largely due to advances in diagnostic modalities; coupled with this, new evidences supporting best practices have increased the interest among clinical gastroenterologists, researchers, teachers and trainees in gastrointestinal motility and its disorders. New advances in the field of evaluation of functional bowel diseases and motility disorders, such as high-resolution manometry, 24-h pH impedance monitoring, Bravo...

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Handbook of Tuberculosis

This concise, clinically focused handbook offers a complete overview of tuberculosis and reviews the latest guidelines, treatment options, clinical trials and management of this disease. Handbook of Tuberculosis is a well-rounded book written by renowned researchers at the Johns Hopkins Center for Tuberculosis Research. The easily accessible text offers infectious disease specialists, pulmonologists, and other healthcare workers an excellent quick reference tool, with full color tables and figures enhancing the text further. Tuberculosis is a life-threatening lung infection that affects people of all ages. It is the second biggest cause of death from infectious diseases and is the most [...] More on www.springer.com/978-81-322-0821-1

Comorbidities in Headache Disorders

This book provides up-to-date information on all aspects of the comorbidities that are associated with the headache disorders commonly seen in the primary care and hospital settings, including migraine, tension-type headache, and cluster headache. The coverage is wide ranging and encompasses all of the well-established comorbidities: cardiovascular disease, psychiatric conditions, epilepsy, sleep disorders, and various pain disorders, such as visceral pain, fibromyalgia, orofacial pain, and neuro-pathic pain. Individual chapters are also devoted to obesity and other metabolic comorbidities and to the comorbidities associated specifically with pediatric headaches. The [...] More on www.springer.com/978-3-319-41452-2

Hepatitis B Virus Methods and Protocols

This volume serves as a reference for the dissemination of advances made in the study of Hepatitis B Virus (HBV). Hepatitis B Virus: Methods and Protocols details protocols and techniques ranging from cell culture studies to in vivo and clinical immunology. The chapters in this book discuss treatments of in vitro infection systems, analysis and quantification of cccDNA and its mutations; in vitro polymerase activity assays; cellular trafficking of core proteins; intracellular calcium metabolism; detection, cloning, and sequencing of HBV markers; and new strategies aimed at exploiting new mechanisms for drug discovery. The book also covers classical methods for resolution of [...] More on www.springer.com/978-3-319-26271-0

Sex Hormones, Exercise and Women

Scientific and Clinical Aspects

It is well-established, through extensive peer-reviewed published research, that physical activity and exercise training can impact the reproductive endocrine system of women. This ground-breaking, comprehensive title presents a range of unique insights into the opposite question: how the reproductive endocrine system of women affects their exercise ability. More precisely, the thematic question explored in this work is: if exercise affects reproductive hormones, conversely then could the reproductive hormones have physiological effects unrelated to reproduction [...]

Clinical Aspects of Natural and Added Phosphorus in Foods

This comprehensive reference covers the impact of dietary phosphorus in phosphorus physiology, public health and the pathogenesis of disease. Divided into three parts, the first section is an overview of the history of phosphorus and the regulation of phosphorus homeostasis. The second section focuses on specific matters related to phosphorus in the food supply. Clinical applications of the material presented in the preceding sections are pulled together in the third section - including the importance of both phosphorus excess and phosphorus deficiency for the pathogenesis of a wide variety of disease including kidney, cardiovascular, bone and oncologic diseases.Clinical Aspects of...
that influence the capacity of women to exercise? In exploring this question, the goal is to better [...]

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Forthcoming
S. Haggerty (Ed.)

Surgical Aspects of Peritoneal Dialysis

This book aims to educate general and vascular surgeons on all pertinent aspects of peritoneal dialysis (PD). Most surgeons get very little training in residency on this topic, and the use of PD is growing around the world. Much of the book will focus on implantation techniques, especially laparoscopic insertions. The authors will describe the known adjunct procedures that have been shown to decrease dysfunction rates. The aim is to provide greater patient autonomy, a better quality of life, preservation of residual renal function and a higher survival advantage.

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Forthcoming
M. Halenka, Z. Fryšák

Atlas of Thyroid Ultrasonography

Combining high-quality ultrasound scans with clear and concise explanatory text, this atlas includes side-by-side depictions of various conditions of the thyroid both with and without indicative marking. Each ultrasound finding is displayed twice, six figures per page: the left-hand image is a native figure without marks; the right-hand image depicts marked findings. In this way, readers have the opportunity to see the native picture to assess it by themselves and then correct their opinion, if necessary. Five sections comprise this atlas, including the normal thyroid, diffuse thyroid lesions, both benign and malignant lesions (including various carcinomas), and rare[...]

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Forthcoming
D.J. Hass (Ed.)

Capsule Endoscopy
A Guide to Becoming an Efficient and Effective Reader

This volume provides a comprehensive introduction and review of small bowel capsule endoscopy (SBCE). The book reviews the data regarding appropriate indications and contraindications for the implementation of small bowel capsule endoscopy, while discussing in detail the evolving role of SBCE in the treatment of obscure gastrointestinal bleeding, and the management of inflammatory bowel disease, small bowel polyposis syndromes, and refractory malabsorption. Topics such as complications of SBCE, methods to perform SBCE on patients with dysphagia or gastric emptying pathology, and understanding the normal anatomy of the gastrointestinal tract when viewed via SBCE are also discussed.[...]

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Forthcoming
T. Hibi, T. Hisamatsu, T. Kobayashi (Eds.)

Advances in Endoscopy in Inflammatory Bowel Disease

Advances in Endoscopy in Inflammatory Bowel Disease summarizes the recent progress made in endoscopy, an essential tool for the diagnosis and management of IBD. It goes on to provide an introduction of state-of-the-art endoscopic techniques, as well as an atlas of high-quality endoscopic images of IBD and related diseases. Among others, endoscopy is one of the clinical fields in which Asian countries are leading the way in the management of gastrointestinal disorders. As the number of patients with IBD is dramatically increasing in Asia, quality of patient care has been significantly improved. With diagnosis of intestinal Behcet, simple ulcers, and intestinal tuberculosis, which are[...]

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Forthcoming
W. Hiddemann (Ed.)

Handbook of Acute Leukemia

This book provides an overview of the key developments in both acute lymphocytic leukemia and acute myeloid leukemia with a comprehensive guide to the epidemiology, pathogenesis, etiology, clinical manifestations, classification, diagnosis, and staging as well as the most recent developments in the therapeutic landscape for acute leukemia. The Handbook of Acute Leukemia offers readers a key resource into the future outlook for patients with leukemia and is edited and authored by internationally renowned experts in the field. Leukemia is cancer of the white blood cells and acute leukemia means the condition progresses
Biliary Disease
From Science to Clinic

This book addresses the current understanding of the diagnosis and management of biliary disease across all ages, with emphasis on how the latest advances in clinical science may be integrated into current and future therapies. The coverage is wide ranging, encompassing congenital and acquired conditions including cholestatic syndromes, biliary atresia, drug-induced cholestasis, primary biliary cholangitis/cirrhosis, primary sclerosing cholangitis, cholangiocarcinoma, gallstone disease, and autoimmune sclerosing cholangitis. With contributions from basic and clinical scientists, the relevance of state-of-the-art mechanistic biology to diagnosis, treatment, and future opportunities for[...]

M.S. Islam (Ed.)
Thrombosis and Embolism: from Research to Clinical Practice
Volume 1

This unique publication explores diverse themes relating to thrombosis and embolism, from basic research at cell and molecular level to the actual care, prevention, and treatment of diverse categories of patients suffering from such diseases. Chapters cover a variety of topics including thrombosis and embolism in surgical patients, cancer patients, pregnant women and children and adolescents, as well as treatment of the conditions by traditional anticoagulants, novel oral anticoagulants, thrombolytic therapy, endovascular treatment and embolectomy. Readers may explore cutting edge research, recommendations from major societies, contemporary guidelines, areas of controversy and[...]

Endocrine and Neuroendocrine Surgery

This book brings together recognized experts in the field to describe their current techniques for the surgical treatment of diseased thyroid, parathyroid, and adrenal glands, as well as neuroendocrine tumors of small bowel, pancreas, liver, and skin. For each procedure, indications, operative steps, potential pitfalls and complications, and postoperative management are presented. The clear descriptions coupled with informative and beautiful illustrations will give the reader new perspectives and insights into the anatomy and conduct of these procedures. Endocrine surgery has been an area of special interest to surgeons for well over a century, while the increasing incidence of[...]

Th. Kiefer (Ed.)
Chest Drains in Daily Clinical Practice

This book covers all aspects of successfully treating patients using chest drains, beginning with anatomy and ending with physiotherapy and pain management. The aim of the book is to provide medical professionals with a step-by-step guide to using a chest drain, with specific chapters on indications, kinds of chest drains, catheters, drainage systems, how to insert a chest tube, complications during placement and handling of a chest drain, removing a chest drain, management of the pleural space and post-procedural care. Unlike general thoracic surgery textbooks, this book gives a complete overview of chest drains rapidly and aggressively, requiring immediate treatment. Acute[...]

Y. Kanakura, T. Kinoshita, J.-i. Nishimura (Eds.)
Paroxysmal Nocturnal Hemoglobinuria
From Bench to Bedside

This volume reviews the fundamental understanding of this potentially life-threatening disease and the advances in treatment that have been achieved with the use of the monoclonal antibody eculizumab. Although the PIGA gene has been known for many years, the mechanism of clonal dominance in paroxysmal nocturnal hemoglobinuria is still largely unknown. This book, Paroxysmal Nocturnal Hemoglobinuria, discusses the direction of continuing research in this area, as well as the potential for the development of management guidelines. It serves as a valuable source of information for both basic scientists and physicians, especially immunologists targeting GPI-anchored proteins and[...]

G. Hirschfield, D. Adams, E. Liaskou (Eds.)
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Endocrine and Neuroendocrine Surgery

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in clinical practice to ensure the best possible care of patients.

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**Nausea and Vomiting**

**Diagnosis and Treatment**

This volume provides a comprehensive and state-of-the-art text for health care professionals who are interested in the diagnosis and treatment of nausea and vomiting. Because the majority of causes of nausea and vomiting arise from disorders of the gastrointestinal system, the text emphasizes the GI system by organ from esophagus to colon. It also reviews how disorders of the abdominal wall, the endocrine system, and autonomic and central nervous systems can contribute to nausea and vomiting syndromes that can be difficult to diagnose. Various treatment modalities are presented and organized in terms of drug treatments, electrical stimulation devices, and dietary therapy and [...] More on [www.springer.com](http://www.springer.com/978-3-319-32338-1)

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**Core Concepts in Dialysis and Continuous Therapies**

This clinically focused and authoritative guide to managing End Stage Renal Disease (ESRD) patients provides the essentials of hemodialysis, peritoneal dialysis, and continuous therapies. Chapters cover the technical aspects of delivering dialysis therapy, clinical care of patients on dialysis and the evaluation and management of common complications of kidney failure in patients of dialysis - including anemia, bone disease and hypertension. Authored by worldwide leading experts in the field, this book is an invaluable resource for nephrologists and other healthcare professionals involved in dialysis treatment or caring for the ESRD patient.

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**Discussing Migraine With Your Patients**

**A Common Sense Guide for Clinicians**

This engaging and highly practical title is designed to support healthcare professionals in providing the best possible care for their patients with migraine. Developed by two leading authorities in the field who bring wit and warmth to their writing, the book combines the valuable wisdom of their clinical expertise with cutting edge scientific synthesis and helpful clinical pearls. Replete with a plethora of instructional aids and clinical tools (such as patient handouts, questionnaires, checklists, video clips, and quick-reference boxes), Discussing Migraine with Your Patients: A Common Sense Guide for Clinicians reviews migraine treatment in an evidence-based manner -- according to [...] More on [www.springer.com](http://www.springer.com/978-1-4939-6482-6)

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Erscheinungstermin: April 6, 2017

J. Minarovits, H.H. Niller (Eds.)

**Epstein Barr Virus**
**Methods and Protocols**

This volume explores data from the applications of molecular biological methods and the applications of recent immunological and cytogenetic methods in Epstein-Barr Virus (EBV) that will offer readers possible new solutions to the unresolved problems in the EBV field. Chapters in this book cover topics such as: viral life cycle, latency, EBV-associated diseases and EBV diagnostics; in vitro methods including organotypic cultures for the analysis of EBV-epithelial cell interactions; identification of the interacting viral and cellular proteins using affinity purification-mass spectrometry methods; 3D telomere FISH; transcription analysis using high-throughput RNA sequencing, qPCR and [...] More on www.springer.com/978-4-431-56099-9

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T. Miyamura, S.M. Lemon, C.M. Walker, T. Wakita (Eds.)

**Hepatitis C Virus II**
**Infection and Disease**

This book helps scientists, clinicians and other interested individuals understand recent clinical advances and challenges for the future. It covers many basic aspects of the pathogenesis of chronic hepatitis C, HCV infections in particular populations, approaches to therapy, and prevention and control of HCV Infection. The book provides a succinct review of the large amount of data generated by multiple groups over the past two decades that has revealed the natural history of HCV infection. Similarly, it summarizes current understanding of the origins of HCV-associated hepatocellular carcinoma, cirrhosis and hepatic fibrosis. Extra-hepatic manifestation and metabolic disorders [...] More on www.springer.com/978-4-431-56099-9

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H. Nakamura, K. Aoshiba (Eds.)

**Chronic Obstructive Pulmonary Disease**
**A Systemic Inflammatory Disease**

This book considers chronic obstructive pulmonary disease (COPD) not as a simple inflammation of the lung but as a systemic inflammatory disease. Beginning with epidemiological studies, etiology, diagnosis and treatment, it elaborates further, illustrating some comorbidities and associations with other respiratory diseases. As such it provides numerous improved and more comprehensive treatment methods, including drug therapies as well as some non-drug therapies. There are also chapters describing the pathogenesis, genetic abnormalities and newly discovered pathogenetic mechanisms that are expected to be studied further in the future. Edited and written by pioneering researchers, each [...] More on www.springer.com/978-981-10-0838-2

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Y. Nakanuma (Ed.)

**Pathology of the Bile Duct**

This book provides a comprehensive overview of the research on bile duct pathology, from basic theory to practical aspects, and presents the latest advances. The contributing authors extensively discuss the topics from different perspectives, including the pathogenesis of conditions such as cellular senescence and innate immunity as well as diseases such as IgG4-related sclerosing cholangitis and intraductal papillary neoplasm. Pathology of the Bile Duct is a valuable resource not only for clinicians in various disciplines, such as internal medicine, surgery, pediatrics and radiology, but also for pathologists. Further, it allows practitioners and researchers at all levels to broaden [...] More on www.springer.com/978-981-10-3499-2

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C.V. Oleson

**Osteoporosis Rehabilitation**
**A Practical Approach**

Taking an expansive perspective on osteoporosis and its ramifications, but with a central focus on the transition from diagnosis to treatment, rehabilita-
tion and current management options, this practical guide discusses the most recent knowledge and literature on osteoporosis for the wide cross-section of professionals involved in treating this pervasive condition. It enables the physician or physician extender to develop a strategy for diagnosing osteoporosis, including detailed laboratory tests as well as imaging, interpreting findings, and determining options appropriate to the needs of individual patients. The material offers guidance on how to treat osteoporosis patients who are [...] More on www.springer.com/978-3-319-45082-7

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Erscheinungstermin: April 29, 2017

Asthma: Targeted Biological Therapies

This book focuses on the fundamentals of the use of biologies in asthma, describing the rationale, principles, mechanisms of action, and indications. It offers an excellent balance between basic science and the analysis of clinical trials, updating readers with new developments that are changing the global scenario for targeted biological anti-asthma therapies, especially with regard to more severe disease. A range of therapies are considered, from the humanized monoclonal anti-IgE antibody omalizumab, widely approved as add-on treatment for inadequately controlled disease, through to emerging biologics for which evidence supportive of efficacy is accumulating, including anti-IL-5, [...] More on www.springer.com/978-3-319-46005-5

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Diagnostic and Therapeutic Nuclear Medicine for Neuroendocrine Tumors

Based on the most novel approaches and cutting-edge clinical and scientific information regarding radionuclide imaging and therapies for neuroendocrine tumors, this clinical guidebook represents a unique collaborative effort between endocrinologists, nuclear physicians, oncologists, surgeons, physicists, radio-pharmacists and geneticists. It begins with the embryology, classification and molecular genetics of gastroenteropancreatic neuroendocrine tumors and carcinoids, chromaffin cell tumors, and MEN1- and MEN2-related tumors. Following a chapter on radiopharmaceuticals in neuroendocrine imaging, it turns to the physics and technology of current and cutting-edge radiology, including[...]

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Respiratory Treatment and Prevention

The goal of this book is to further insight into the challenges related to respiratory health. Medical experts present their lines of scientific investigations on how to contain the disease, care for patients, and use preventive measures, with a focus on pulmonary-related disorders. Progress in the diagnostics and treatment of major infectious diseases affecting humanity such as tuberculosis, malaria, fungal and viral contaminations is tackled. Other chapters provide some background information on the mechanisms and prevention of non-communicable diseases. New aspects of the etiology of sarcoidosis, air pollution-related lung cancer, and sleep disordered breathing are presented.[...]

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M. Pokorski (Ed.)

Advancements in Clinical Research

The book presents current progress in clinical practice and research, particularly involving pulmonary diseases. Chapters tackle a variety of topics including a search for potential biomarkers of lung tumors, sleep disordered breathing, neurogenic lung dysfunction, community acquired and nosocomial respiratory infections developing in the chronically ill, mechanisms of hypoxia sensing, and the reasons for frequent visits to primary care facilities causing an ever increasing costs for caregivers and society. Identifying molecular markers expressed in tumors, rather than histological stratification of cancer type, forms a rapidly evolving basis of precision medicine, with the hope of[...]

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Forthcoming
M. Pokorski (Ed.)

Pathobiology of Pulmonary Disorders

Pulmonary disorders significantly contribute to the current level of disease burden. Effective disease management is essential for improving clinical outcomes and quality of life. This book highlights the issues involved with diagnosing and managing various pulmonary conditions such as chronic obstructive pulmonary disorders, respiratory tract infections, including those developing as a sequel of antibiotic treatment, and others. Investigations on novel diagnostic procedures and potential biomarkers of diseases are discussed, along with diseases presentations and management. Preventive measures related to lifestyle and air quality, with the implications on patients care, are tackled[...]

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Erscheinungstermin: April 29, 2017
Nutrition in Lifestyle Medicine
This newest addition to the Nutrition and Health series focuses on nutrition’s key role in lifestyle interventions to prevent and manage diseases. The book pays particular attention to nutritional considerations related to obesity, diabetes, and cardiovascular disease. Edited by cardiologist, Dr. James Rippe, a well-known expert in the nascent specialty of Lifestyle Medicine, Nutrition in Lifestyle Medicine will also focus on a variety of specialized areas such as nutrition for athletes and physically active individuals, hydration, and nutrition throughout the life cycle (spanning from children to individuals over the age of 60). In addition, chapters will be included on controversies...[...]

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Clinical Medical Ethics
Landmark Works and the Legacy of Mark Siegler, MD.
This instant gold standard title is a major contribution to the field of clinical medical ethics and will be used widely for reference and teaching purposes for years to come. Throughout his career, Mark Siegler, MD, has written on topics ranging from the teaching of clinical medical ethics to end-of-life decision-making and the ethics of advances in technology. With more than 200 journal publications and 60 book chapters published in this area over the course of his illustrious career, Dr. Siegler has become the pre-eminent scholar and teacher in the field. Indeed his work has had a profound impact on a range of therapeutic areas, especially internal medicine, pediatrics, surgery, [...] More on www.springer.com/978-3-319-53873-0

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Erscheinungstermin: April 29, 2017

IgG4-Related Kidney Disease
This book offers a detailed review of the pathological and imaging features, diagnosis and treatment of IgG4-Related Kidney Disease (IgG4-RKD). IgG4-related disease (IgG4-RD), which is characterized by an elevated serum IgG4 level and infiltration of systemic organs by IgG4 positive plasma cells, is a newly recognized systemic disease. Diverse renal manifestations including specific tubulointerstitial nephritis, membranous nephropathy, and tumor-like urological diseases extending to the pelvis and urinary tract in IgG4-RD have been reported and are recently attracting attention as IgG4-RKD. In this book, leading researchers in the field present the latest insights into the broad[...] More on www.springer.com/978-4-431-55686-2

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Research into Childhood-Onset Diabetes
From Study Design to Improved Management
This book offers a detailed update on research into diabetes with onset in childhood or adolescence. The coverage ranges from fundamental aspects such as study design and statistical analysis through to new ideas for research, the latest research findings, and implications of these findings for clinical care in childhood. Examples of topics addressed in this context include the prevention of diabetic complications, management of micro- and macrovascular complications, the roles of nutrition and exercise, insulin therapy, islet transplantation, and risky behaviors in teenagers. Attention is also focused on the latest tech-
Managing Gastrointestinal Complications of Diabetes

An ideal clinical handbook for medical professionals that regularly treat patients with diabetes and comorbid gastrointestinal complications. The concise format provides evidence-based content with a targeted emphasis on diagnosis, as up to 75% of patients visiting diabetes clinics report significant gastrointestinal symptoms. Includes guidelines for complication prevention, treatment, and long-term disease management.

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Neonatal Transfusion Practices

This book provides a concise yet comprehensive review of neonatal transfusion medicine. The text covers major areas of the field, including chapters dedicated to pre transfusion testing, manufacturing, standards and storage; blood product administration; special congenital and acquired disorders in the neonate; hemolytic disease of the newborn; intrauterine transfusions; adverse reactions; and ECMO. The volume features contributions from a diverse group of experts in the field and include pathologists, anesthesiologists, neonatologists, a pediatric hematologist and oncologist, and a high-risk obstetrician. These authors contribute their unique expertise and perspectives to the [...]

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Integrated Diabetes Care
A Multidisciplinary Approach

Integrating care across disciplines and organisations around the needs of the person with diabetes has been proposed as an approach that could improve care while reducing cost- but has it and can it? Integrated Diabetes Care - A Multidisciplinary Approach collates evidence of worldwide approaches to both horizontal integration (across disciplines) and vertical integration (across organizations) in diabetes care and describe what was done, what worked and what appeared to be the barriers to achieving the goals of the programmes. Evidence is sought from groups who have developed different approaches to integrating diabetes care in different health systems (eg insurance vs tax payer,...)

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Forthcoming
M. Stewart

Diabetic Retinopathy
Current Pharmacologic Treatment and Emerging Strategies

A well-illustrated and comprehensive analysis of the treatment of diabetic retinopathy, this book covers current treatment options and guidelines, whilst also providing a detailed discussion of emerging therapeutic targets. Existing therapeutic options are covered in depth, with a major focus on anti-vascular endothelial growth factor drugs and sustained release corticosteroids, including a review of trial results supporting current treatment guidelines. The use of agents off-label is also discussed. Controversial topics are discussed in detail with an emphasis on helping the reader make informed decisions, particularly when treating patients for which several treatment approaches[...]

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Molecular Targeted Therapy of Lung Cancer

This book discusses the latest molecular targeted therapy of lung cancer including its evaluation and future directions. It clearly illustrates the initial dramatic effectiveness of molecular targeted therapy, recurrence of the disease, overcoming the wide variety of resistance mechanisms using new-generation molecular targeted agents and potential novel approaches. It also outlines the increasing necessity for new diagnostic technology and strategies for managing different adverse effects and novel methods for evaluating effectiveness and safety. Edited and authored by opinion leaders, Molecular Targeted Therapy of Lung Cancer provides a comprehensive overview of the disease and its[...]

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Forthcoming
S. Tazuma, H. Takiwaka (Eds.)

Bile Acids in Gastroenterology
Basic and Clinical

This book examines the biological aspects of bile acid analysis and their clinical applications, providing readers with an overview of cutting-edge discussions on Bile Acid research and diseases. It begins with detailed discussions on the biological aspects of bile acid, with chapters examining bile acid from various perspectives, from its metabolism to its use in therapeutic agents. Subsequent chapters focus on diseases involving bile acid abnormalities, and specific applications are addressed concerning gallstones, cholestatic liver disease, NAFLD/NASH, hepatitis, pancreatitis, esophageal cancer and colon cancer. In keeping with the book’s integrated approach, the Editor has[...]

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D. Simmons, H. Wenzel, J.C. Zgibor (Eds.)

Forthcoming
Y. Takiguchi (Ed.)
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