

2008–2009

**MEDICAL
SCIENCE**



Science Publishers

Enfield, New Hampshire, USA

LIVER DISEASES**Biochemical Mechanisms and New Therapeutic Insights***Shakir Ali, Scott L. Friedman and Derek A. Mann (eds.)*

978-1-57808-399-2; 2006; 580 pages (2 vols.), hc, 220 x 290mm; \$ 196.00

"This is a unique and outstanding textbook that helps one to understand the molecular and biochemical mechanisms underlying liver diseases and is highly recommended as it is great resource on the pathophysiology of liver diseases."

— *Gastroenterology* 2008; 134:1265-1266

"...a welcome addition to the wide selection of hepatology books available and a valuable source of information for hepatologists."

— *J Gastrointestin Lives Dis*, December 2006, Vol. 15 No. 4, 417-418**Volume 1: Liver Diseases: Pathways, Mediators and Regulation**

Section I-Liver Diseases: Mediators and Regulation; Section II-Immunological Basis of Liver Injury

Volume 2: Clinical Liver Diseases: Pathophysiology, Diagnostic and Therapeutic Insights

Section III-Clinical Liver Disease Pathophysiology; Section IV-Therapeutic and Diagnostic Insights

APPLIED STATISTICS IN TOXICOLOGY AND PHARMACOLOGY*Katsumi Kobayashi: An-Pyo Center, Sizuoka, Japan**K. Sadasivan Pillai: Indian Institute of Biotechnology and Toxicology, Padappai, Tamilnadu, India*

978-1-57808-304-6; 2003; 122 pages, hc; \$ 50.40

The book explains the methods for statistically analyzing data obtained from various toxicity studies, particularly focusing on how to choose among the many computer statistical programs now available in particular cases. The underlying principle they emphasize is that when statistical analysis is used to certify biological results, the significance of biological difference has priority over statistical difference.

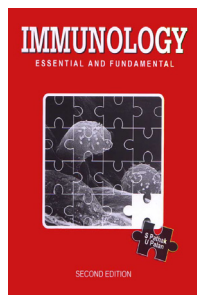
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THERAPEUTIC EFFECTS OF TEA*B. Banerjee and T.C. Chaudhuri (eds.)*

978-1-57808-398-5; 2005; 220 pages, hc; \$ 64.40

Researchers have gathered scientific evidence for tea's therapeutic properties — helpfully summarized in a chart. The editors introduce 11 chapters going beyond popular hype about the beverage's protective antioxidant role against cancer, osteoporosis, and other diseases. Intended for a wide audience, the text includes the composition of fresh tea, answers to frequently asked questions, and a glossary.

**IMMUNOLOGY: Essential and Fundamental, 2/ed***S. Pathak and U. Palan*

978-1-57808-379-4; 2005; 427 pages, hc, 215 x 265mm; \$ 89.00

978-1-57808-378-7; 2005; 427 pages, pb, 215 x 265mm; \$ 53.80

This textbook describes entities of the adaptive immune response, molecules of adaptive immune recognition, the lymphocytes, humoral immunity, the genetics mechanisms of immune diversity, immune tolerance, and failures of the defense functions. The second edition adds

a chapter on cancer, and incorporates current hypotheses about what triggers an immune response.

**COMPENDIA OF WORLD'S MEDICINAL FLORA***A. Singh*

978-1-57808-430-2; 2006; 356 pages, pb; \$ 61.60

The present work is aimed at documentation of chemical composition, medicinal use and modern investigative work on medicinal plants. As the name of the title suggests, the work includes rare medicinal plants used globally in medicine.

As research is being done on medicinal plants, more and more phytochemicals are being discovered. On basis of this, traditional uses of medicinal plants are being confirmed. The work will be a valuable guide for practitioners of alternative systems of medicine. It will be useful for phytochemists, ethnobotanists and herbal pharmacists who will find unique data about less documented medicinal plants.

BATTLE OF THE GENOMES The Struggle for Survival in a Microbial World

H.M. Lachman: Albert Einstein College of
Medicine, Yeshiva University, Bronx, New
York, USA

978-1-57808-432-6; 2006; 348 pages, pb;
\$ 30.00

This book is an account of some of
the most malignant infectious
microbes encountered by humans
and the genetic disorders they
spawned. It's also a tale of how
scientific progress over the past 150
years is giving man the tools to
fight back.

LYCOPENE

Nutritional, Medicinal and Therapeutic Properties

Editors:

Victor Preedy: King's College, London, UK
Ronald Watson: School of Medicine,
University of Arizona, Tuscon, USA

... see *Plant Sciences*

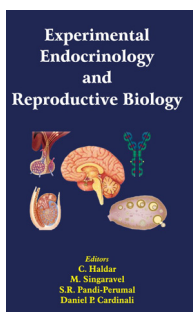
TOMATOES AND TOMATO PRODUCTS

Nutritional, Medicinal and Therapeutic Properties

Editors:

Victor Preedy: King's College, London, UK
Ronald Watson: School of Medicine,
University of Arizona, Tuscon, USA

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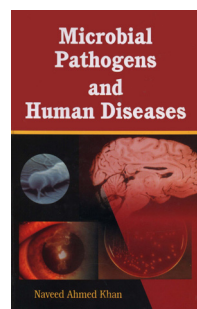
EXPERIMENTAL ENDOCRINOLOGY AND REPRODUCTIVE BIOLOGY

Editors:

C. Haldar and *M. Singaravel*: Banaras Hindu
University, Varanasi, India
S.R. Pandi-Perumal: Mount Sinai School of
Medicine, New York, USA
Daniel P. Cardinali: University of Buenos
Aires, Argentina

978-1-57808-518-7; February 2008;
335 pages, hc; \$ 94.10

This book covers various topics of
endocrinology from comparative,
experimental, developmental,
reproductive and clinical endocrine
aspects. Another important feature
of this book is that more than half
the chapters are described in
relation to the function of melatonin
and the structure of the pineal
organ. These trials of this book are
reasonable and timely. Melatonin
physiology has been reviewed from
several points of view such as
antioxidant and scavenger of
hydroxyl radical, circadian clock
and photoperiodic gonadal response
including photoreceptor system, and
development of vertebrates.



MICROBIAL PATHOGENS AND HUMAN DISEASES

N.A. Khan: Birkbeck College, University of London, UK

978-1-57808-535-4; May 2008; 294 pages incl. 15 color plates, hc;
\$ 89.00

This book provides a comprehensive description of
human infectious diseases due to microbial pathogens,
from a physician's and a microbiologist's point of view,
and also provides an understanding of the use of micro-
bial pathogens as biological weapons. It is indispensable
for students, physicians, medical and nursing staff, and infectious disease
specialists. All topics are covered in a concise fashion, which also are useful
for self-study and life-long learning (applicable for part-time students).