

MEDICINE AND BIOMEDICINE

Adaptation Biology and Medicine

Volume 1: Subcellular Basis

Editors: *B. K. Sharma, et al.*

Audience: Postgraduate Students, Doctors & Researchers

1997 474 pp. 185 x 240 1300g Hb ISBN: 978-81-7319-111-4 £ 125.00 / US\$ 250.00

Volume 2: Molecular Basis

Editors: *K. B. Pandolf, N. Takeda, P. K. Singal*

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1999 411 pp. 185 x 240 1200g Hb ISBN: 978-81-7319-246-3 £ 125.00 / US\$ 250.00

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Editors: *Paulus Wang, Chia-Hua Kuo, Nobuakira Takeda, Pawan K. Singal*

FORTHCOMING

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2011 185 x 240 Hb ISBN: 978-81-7319-935-6 TBA

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G. S. Miglani

TEXTBOOK

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S. K. Gupta, U. Singh, T. Velpandian

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2002 128 pp. 13Figs. 26TbIs. 160 x 240 400g Hb ISBN: 978-81-7319-489-4 £ 50.00 / US\$ 98.00

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MEDICINE AND BIOMEDICINE

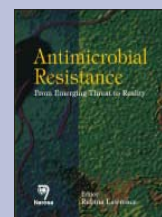
Antimicrobial Resistance: *From Emerging Threat to Reality*

Editors: *Rubina Lawrence, A. K. Gulati, Gerard Abraham*

The multi-faceted issue of antimicrobial resistance has fast gained momentum and emerged as a potential global threat. An effort has been made through this compilation, to foray into the realm of renegade microbes that have threatened to wreak havoc worldwide. The contributory papers are descriptive of the incidences of resistant pathogens in the health care sector, agriculture, environment and food, and mechanisms of their evolved resilience. Alternative methods to curb the menace and strategies that might help mitigate the situation have also been discussed and reviewed.

Audience: Postgraduate Students, Researchers and Teachers in Medicine and Life Sciences

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Editors: *R. Nath, M. Khullar, P. K. Singal*

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Dushyant Kumar Sharma

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S. Ignacimuthu, s.j.

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Audience: Students in Biology, Biotechnology, Engineering, Medical and Law

2009 208 pp. 185 x 240 550g Hb ISBN: 978-1-84265-522-1 £ 29.95 / US\$ 59.95



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Biomarkers

Editors: S. V. S. Rana, Sung-Eun Lee

FORTHCOMING

Biomarkers brings together contributions recently made in the field of molecular marker research encompassing their development, uses and applications in human health risk assessment. It includes not only the chapters on biomarkers of exposure, response and susceptibility to drugs but describes molecular markers of exposure to pesticides, heavy metals, carcinogens and endocrine disruptors. Articles from eminent scientists deal with the technical developments recently made in toxicogenomics, proteomics and metabolomics. A holistic approach has been made in selecting the articles on this fast changing subject of biomarkers.



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S. V. Bhat

TEXTBOOK

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V. Pattabhi, N. Gautham

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S. Ignacimuthu, s.j.

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S. V. Bhat, B. A. Nagasampagi, M. Shivakumar

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2000 111 pp. 160 x 240 400g Hb ISBN: 978-81-7319-343-9 £ 62.00 / US\$ 120.00

Emergency Toxicology: *Management of Common Poisons*

Editor: *S. K. Gupta*

Associate Editors: *S. S. Peshin, T. Kaleekal, A. Srivastava, J. Prakash*

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Ajay V. Deshmukh, Vikram M. Gadre

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2005 930 pp. 349Figs. 62TbIs. 185 x 240 1800g Hb ISBN: 978-1-84265-210-7 £ 39.95 / US\$ 79.95

Gonadal and Nongonadal Actions of Gonadotropins

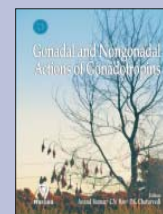
Editors: *Anand Kumar, C. V. Rao, P. K. Chaturvedi, Ashutosh Halder, Nafis Rahman*

NEW

Gonadal and Nongonadal Actions of Gonadotropins offers latest information on the structure and function of the gonadotropins, their signal transduction, and action at cellular and molecular levels. The topics include endometriosis, premature ovarian failure, PCOS, cryptorchidism, genetic and intersex disorders, assisted reproduction, immune functions, bone remodeling, dementia and Alzheimer's disease, and cancers, in relation to these molecules.

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HIV / AIDS and Traditional Medicine: A Journey to Dialogue

Editor: *R. R. Chaudhury*

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2002 100 pp. 160 x 240 350g Hb ISBN: 978-81-7319-471-9

£ 35.00 / US\$ 69.00

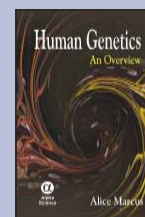
Human Genetics: An Overview

Alice Marcus

NEW

TEXTBOOK

Human Genetics provides an insight into the basic human genetics, common genetic disorders, the inheritance pattern, the genetic basis for the diseases, the sensitive periods in human development, the detection of the diseases and the mechanism of genetic variation and deals with the heritable nature of most of the diseases. The book highlights the Human genome project with its social implications. The proposed model for human cloning and stem cells as 21st century medicine for genetic diseases and describes the process of genetic counseling and the treatment methods undertaken in dealing with the genetic disorders. The ethical issues related to genetic counseling are also presented.



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Immunology: A Textbook

C. V. Rao

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C. V. Rao

TEXTBOOK

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Book in 2 colour

2006 692 pp. 185 x 240 1300g Hb ISBN: 978-1-84265-253-4

£ 49.95 / US\$ 99.95

Immunopharmacology: Strategies for Immunotherapy

Editor: *S. N. Upadhyay*

Audience: Postgraduate & Doctoral Students & Researchers

1999 165 pp. 160 x 240 510g Hb ISBN: 978-81-7319-241-8

£ 65.00 / US\$ 130.00

Introductory Practical Biochemistry

Editors: *S. K. Sawhney, R. Singh*

TEXTBOOK

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2005 470 pp. 160 x 240 850g Hb ISBN: 978-1-84265-245-9

£ 22.00 / US\$ 44.00

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Jayababu Mudili

Audience: Undergraduate Students

2007 228 pp. 185 x 240 650g Hb ISBN: 978-1-84265-338-8

£ 19.50 / US\$ 37.50

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M. L. Srivastava

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Mineral Drugs

S. B. Vohora, Mohammad Athar

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2008 222 pp. 27TbIs. 7 col. plates 185 x 240 650g Hb ISBN: 978-81-7319-849-6 £ 49.50 / US\$ 98.00

Molecular and Cellular Neurobiology

Editors: *M. K. Thakur, S. Prasad*

Audience: Students, Teachers & Researchers

2005 329 pp. 64Figs. 27TbIs. 160 x 240 700g Hb ISBN: 978-81-7319-582-2 £ 68.00 / US\$ 135.00

Multi-Drug Resistance in Emerging and Re-Emerging Diseases

Editors: *R. C. Mahajan, A. Therwath*

Audience: Researchers of Microbiology & Medicine

2000 293 pp. 27TbIs. 160 x 240 675g Hb ISBN: 978-81-7319-346-0 £ 85.00 / US\$ 165.00

Myasthenia Gravis: *Disease Mechanism and Immunointervention*

Editor: *P. Christadoss*

Audience: Scientists and Clinicians interested in the Application of Immunointervention Strategies in MG patients

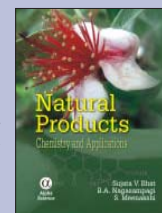
2000 221 pp. 40Figs. 160 x 240 600g Hb ISBN: 978-81-7319-294-4 £ 95.00 / US\$ 165.00

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Natural Products: *Chemistry and Applications*

Sujata V. Bhat, B. A. Nagasampagi, S. Meenakshi

TEXTBOOK



During the last few decades the area of natural products has advanced tremendously due to contributions from the fields of Pharmaceutical Sciences, Chemistry, Life Sciences, Perfumery-flavours and Material Sciences. *Natural Products: Chemistry and Applications* provides an easy to read overview of natural products in fourteen chapters covering most of the aspects. Each chapter provides general introduction, nomenclature, occurrence, structure elucidation, synthesis, biological activity and commercial applications of natural products.

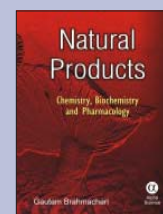
CONTENTS: Preface / General Introduction / Steroids / Terpenoids / Fatty Lipids and Prostaglandins / Alkaloids / Amino Acids and Proteins / Nucleic Acids / Carbohydrates / Insect and Plant Growth Regulators / Phenolics, Natural Dyes and Pigments / Marine Natural Products / Antibacterials / Vitamins / Some Fascinating Synthesis of Natural Products / Enzyme Applications in Organic Synthesis / Further Reading / Subject Index.

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Natural Products: *Chemistry, Biochemistry and Pharmacology*

Editor: Goutam Brahmachari



Natural Products: Chemistry, Biochemistry and Pharmacology attempts to provide an insight into significant developments in some of the promising areas of natural products chemistry. Natural products are of great interest and promise in the present day research directed towards drug design and discovery. This book brings together, in twenty-one chapters, by leading scientists of the world, an overview of current discoveries and trends in this remarkable field. The topics, ranging from natural products chemistry and phytochemistry in their most basic form to molecular biology, pharmacology and *in silico* drug design, summarize years of extensive research in each area, and provide insight in the new themes of natural products research. The information will help predict promising leads, useful for the treatment of various ailments and disease manifestations.

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Jag Mohan

TEXTBOOK

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Goutam Brahmachari

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V. K. Ahluwalia, R. K. Parashar

TEXTBOOK

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Pharmaceutical Organic Chemistry

S. K. Dewan

Pharmaceutical Organic Chemistry introduces both fundamental and advanced topics in an easy-to-comprehend manner, covering stereochemistry, carbanions in organic synthesis, electrocyclic and sigmatropic reactions – M.O. Theory, Nucleophilic substitutions, elimination reactions, neighbouring group participation, catalysis by transition metals and reagents in drug synthesis etc. The topics have been presented in a didactic approach. Students of pharmacy, biochemistry, biophysics, chemistry will find this book very useful.



Audience: Undergraduate and Postgraduate Students in Pharmaceutical Sciences, Researchers and Professionals

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Pharmacological Perspectives of Toxic Chemicals and their Antidotes

Editors: S. J. S. Flora, K. Sekhar, James A. Ramano, Steven I. Baskin

Audience: Postgraduate, Scientists, Toxicologists, Pharma Industry, EMS

2004 506 pp. 160 x 240 1200g Hb ISBN: 978-81-7319-548-8 £ 95.00 / US\$ 200.00

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Editor: G. L. Khanna

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Radiation Sensitizers: *A Contemporary Audit*

Editors: N. G. Huilgol, C. K. K. Nair, V. T. Kagiya

Audience: Postgraduate students, Resident Doctors & Consultants

2001 94 pp. 160 x 240 400g Hb ISBN: 978-1-84265-053-0 £ 65.00 / US\$ 130.00

Radiobiology and Bio-Medical Research

Editor: K. P. Mishra

Audience: Postgraduates & Practicing Researchers, Teachers

2004 200 pp. 160 x 240 640g Hb ISBN: 978-81-7319-484-9 £ 65.00 / US\$ 130.00

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Gayatri Prakash

TEXTBOOK

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Editor: S. K. Gupta

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1999 417 pp. 160 x 240 900g Hb ISBN: 978-81-7319-262-3 £ 168.00 / US\$ 268.00

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N. S. Parmar, Shiv Prakash

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Shibnath Ghosal

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M. P. S. Ishar, Abdul Faruk

TEXTBOOK

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2006 288 pp. 185 x 240 700g Hb ISBN: 978-1-84265-280-0 £ 32.50 / US\$ 64.95

Traditional Systems of Medicine

Editors: *M. Z. Abdin, Y. P. Abrol*

Audience: Students, Researchers, Practitioners & Pharmaceutical Industry

2006 590 pp. 185 x 240 1300g Hb ISBN: 978-81-7319-707-9 £ 98.00 / US\$ 190.00

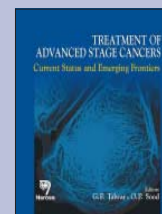
Treatment of Advanced Stage Cancers *Current Status and Emerging Frontiers*

Editor: *G. P. Talwar*

Treatment of Advanced Stage Cancers: Current Status and Emerging Frontiers describes newer options for treatment of Advanced Liver Cancers; Targeting of Pancreatic cancers by 'silencing' RNA & selective killing of tumor cells expressing hCG by a high affinity, high specificity antibody linked to curcumin. Reviewed also are the next generation of recombinant immunotoxins; herbal formulations eliminating Human Papilloma Virus (HPV) in cervical cancer cells besides immune targeting of oncogenic proteins of HPV to achieve a therapeutic vaccine for carcinoma of cervix. The book discusses optimisation of antigens for anti-cancer vaccines and optimization of Dendritic cells and viral vectors for immunotherapy. Clinical and experimental results are reported on therapeutic benefits of cancers by *Mycobacterium indicus pranii*. (DCGI approved vaccine for leprosy marketed as Immuvac). Other topics covered include treatment of Chronic Myeloid Leukemia, Radiation-Enhanced Immunotherapy of Advanced cancers, Neem leaf glycoproteins regulating immune response in cancer and biology of metastasis of Head and Neck cancers. A new blood test for early diagnosis of Epithelial Ovarian Cancers is also described. The opening chapter by the Nobel Laureate David Baltimore presents elegantly the role of Micro RNAs in chronic inflammatory response and cancers.

Audience: Postgraduate Students, Practitioners and Researchers in Oncology

2009 248 pp. 160 x 240 610g Hb ISBN: 978-81-7319-932-5 £ 49.95 / US\$ 98.00



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