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Veterinary Science: Breakthroughs in Research and Practice
Information Resources Management Association (USA)
Contains a compendium of the latest academic material on breakthroughs and recent progress in veterinary science.

Handbook of Research on Geriatric Health, Treatment, and Care
Barre Vijaya Prasad (Dhanwad Institute of Mental Health and Neurosciences (DIMHANS), India) and Shamsi Akbar (King George's Medical University, India)
Provides emerging research on promoting health in older adults by preventing and treating diseases and disabilities.

Applications of Neuroscience: Breakthroughs in Research and Practice
Information Resources Management Association (USA)
A comprehensive reference source for the latest scholarly material on trends, techniques, and various uses of neuroscience, and examines the benefits and challenges of these developments.

Emerging Developments and Practices in Oncology
Issam El Naqa (University of Michigan, USA)
Provides research on recent advances in oncology aiming to improve early detection and personalized treatment of cancer.

Ophthalmology: Breakthroughs in Research and Practice
Information Resources Management Association (USA)
An innovative reference source for the latest academic material on the identification, treatment, and management methodologies of eye diseases and disorders. Highlighting a range of topics, such as retinal prosthesis, ocular diseases, and ophthalmoscopy, this publication is ideally designed for researchers, graduate-level students, and professionals in the medical field.

Complementary and Alternative Medicine and Kidney Health
Mayuree Tangkiatkumjai (Srinakharinwirot University, Thailand), Annalisa Casarin (The NIH Research Design Service East of England, UK), Li-Chia Chen (University of Manchester, UK) and Dawn-Marie Walker (University of Southampton, UK)
Provides a thorough examination on the application of alternative medicine in conventional hospital settings with a focus on kidney diseases.

Medical Tourism: Breakthroughs in Research and Practice
Information Resources Management Association (USA)
A comprehensive reference source for the latest scholarly material on trends, practices, and emerging phenomena of international travel by patients for medical treatment and examines the benefits and challenges of these services.
Research-Based Perspectives on the Psychophysiology of Yoga

Shirley Telles (Patanjali Research Foundation, India) and Nikkamal Singh (Patanjali Research Foundation, India)

A unique reference source for the latest academic material on the physiological effects of yoga and cultivating a deeper understanding of yoga practice through the intersection of traditional texts and contemporary research. This book is ideally designed for professionals, practitioners, students, educators, and academics interested in the effects, challenges, and benefits of yoga practice.

Oncology: Breakthroughs in Research and Practice (2 Vols.)

Information Resources Management Association (USA)

Features international perspectives on cancer identification, treatment, and management methodologies in addition to patient considerations and outlooks for the future. This collection of emerging research provides valuable insight for researchers, graduate-level students, and professionals in the medical field.

Sustainable Health and Long-Term Care Solutions for an Aging Population

Ben Fong (The Hong Kong Polytechnic University, Hong Kong), Arte Ng (The Hong Kong Polytechnic University, Hong Kong) and Peter Yuen (The Hong Kong Polytechnic University, Hong Kong)

A pivotal reference source featuring the latest scholarly research on issues pertinent to health cost and finding effective ways of financing healthcare for the elderly. This book is ideally designed for policymakers, academicians, researchers, and advanced-level students seeking current research on the innovative planning and development of healthcare.

Transformative Healthcare Practice through Patient Engagement

Guendalina Graffigna (Catholic University of the Sacred Heart, Italy)

Outlines the best practices and global strategies to improve patient engagement. This book features a convergence of healthcare professionals and scholars elucidating the theoretical insights borne from successful patient education, and the technological tools available to sustain their engagement.

Healthcare Community Synergism between Patients, Practitioners, and Researchers

Valerie C. Bryan (Florida Atlantic University, USA) and Jennifer Lynne Bird (Florida Atlantic University, USA)

An authoritative reference source for the latest scholarly research on the various collaborative efforts to improve the current state of health systems and patient education. This book is ideally designed for medical professionals, educators, and researchers.

Psycho-Socio-Physical Dimensions of Adolescent Health Management: Emerging Research and Opportunities

Sapna Nanda (Panjab University, India)

Psycho-Socio-Physical Dimensions of Adolescent Health Management: Emerging Research and Opportunities is a pivotal reference source that provides vital research on the protection of adolescent health and wellbeing by strategizing better healthcare initiatives and programs, as well as assessing the impact of various healthcare approaches in modifying the health and behavior of adolescents. Covering topics that include growth patterns, improving mental health, and interpersonal relationships, this book is ideally designed for healthcare professionals, psychologists, psychiatrists, sociologists, social workers, researchers, policymakers, and scholars.
Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications (3 Vols.)

Editor(s)-in-Chief: Information Resources Management Association (USA)

The application of proper ethical systems and education programs is a vital concern in the medical industry. When healthcare professionals are held to the highest moral and training standards, patient care is improved.

Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications is a comprehensive source of academic research material on methods and techniques for implementing ethical standards and effective education initiatives in clinical settings. Highlighting pivotal perspectives on topics such as e-health, organizational behavior, and patient rights, this multi-volume work is ideally designed for practitioners, upper-level students, professionals, researchers, and academics interested in the latest developments within the healthcare industry.

Topics Covered:

- Clinical Communication
- E-Health
- Hospital management
- Human Rights Considerations
- Organizational Behavior
- Patient Rights
- Patient-Centered Medical Care
- Teaching Methods

Impact of Medical Errors and Malpractice on Health Economics, Quality, and Patient Safety

Editor(s)-in-Chief: Marina Riga (Health Economist-Researcher, Greece)

Precise and flawless medical practice is imperative due to the delicate nature of patient lives and health. Without methods and technologies to detect medical mistakes, many lives would be compromised.

Impact of Medical Errors and Malpractice on Health Economics, Quality, and Patient Safety is an essential reference source for the latest research on the detection and analysis of the various implications of medical errors and addresses the hidden malpractices that exist in healthcare systems globally. Featuring extensive coverage on a broad range of topics such as clinical pathways, decision-making techniques, and health information technology, this book is ideally designed for practitioners, professionals, and researchers seeking current research on various issues in healthcare provision.

Topics Covered:

- Clinical Costing
- Clinical Pathways
- Decision-Making and Communication
- Fiscal Consolidation
- Forensic Medicine
- Health information technology
- Incident Reporting Systems

Pricing

Hardcover: US $200
E-Book: US $200
Hardcover + E-Book: US $240
Computer Applications in Drug Discovery and Development
A. Puratchikody (Anna University, India), S. Lakshmana Prabu (Anna University, India) and A. Umamaheswari (Anna University, India)

Computer Applications in Drug Discovery and Development is a pivotal reference source that provides innovative research on the application of computers for discovering and designing new drugs in modern molecular biology and medicinal chemistry. While highlighting topics such as chemical structure databases and dataset utilization, this publication delves into the current panorama of drug discovery, where high drug failure rates are a major concern and properly designed virtual screening strategies can be a time-saving, cost-effective, and productive alternative. This book is ideally designed for chemical engineers, pharmacists, molecular biologists, students, researchers, and academicians seeking current research on the unexplored avenues and future perspectives of drug design.

EISBN: 978-1-5225-7327-2
© 2019; 332 pp.

Design and Development of Affordable Healthcare Technologies
Arindam Bit (National Institute of Technology Raipur, India)

Provides emerging research on biomedical instrumentation, bio-signal processing, and device development within the healthcare industry. This book provides insights into various subjects including patient monitoring, medical imaging, and disease classification. This book is a vital reference source for medical professionals, biomedical engineers, scientists, researchers, and medical students interested in the comprehensive research on the advancements in healthcare technologies.

EISBN: 978-1-5225-4970-3
© 2018; 264 pp.

Histopathological Image Analysis in Medical Decision Making
Nilanjan Dey (Techno India College of Technology, India), Amira S. Ashour (Tanta University, Egypt), Harihar Kalia (Seemanth Engineering College, India), P.T. Goswami (Techno India College of Technology, India) and Himansu Das (KIIT University, India)

Histopathological Image Analysis in Medical Decision Making provides emerging research exploring the theoretical and practical applications of image technologies and feature extraction procedures within the medical field. Featuring a broad range of topics such as image classification, digital image analysis, and prediction methods, this book is ideally designed for medical professionals, system engineers, medical students, researchers, and medical practitioners seeking current research on problem-oriented processing techniques in imaging technologies.

EISBN: 978-1-5225-6317-4
© 2019; 243 pp.

Electrocardiogram Signal Classification and Machine Learning: Emerging Research and Opportunities
Sara Moein (Mount Sinai School of Medicine, USA)

A critical scholarly resource that examines the importance of automatic normalization and classification of electrocardiogram (ECG) signals of heart disorders. Featuring a wide range of topics such as common heart disorders, particle swarm optimization, and benchmarks functions, this publication is geared toward medical professionals, researchers, professionals, and students seeking current and relevant research on the categorization of ECG signals.

EISBN: 978-1-5225-5981-0
© 2019; 161 pp.

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Advanced Classification Techniques for Healthcare Analysis

**Editor(s)-in-Chief:** Chinmay Chakraborty (Birla Institute of Technology Mesra, India)

Medical and information communication technology professionals are working to develop robust classification techniques, especially in healthcare data/image analysis, to ensure quick diagnoses and treatments to patients. Without fast and immediate access to healthcare databases and information, medical professionals’ success rates and treatment options become limited and fall to disastrous levels.

**Advanced Classification Techniques for Healthcare Analysis** provides emerging insight into classification techniques in delivering quality, accurate, and affordable healthcare, while also discussing the impact health data has on medical treatments. Featuring coverage on a broad range of topics such as early diagnosis, brain-computer interface, metaheuristic algorithms, clustering techniques, learning schemes, and mobile telemedicine, this book is ideal for medical professionals, healthcare administrators, engineers, researchers, academicians, and technology developers seeking current research on furthering information and communication technology that improves patient care.

**Topics Covered:**

- Algorithm Classification
- Clustering Techniques
- Data Processing
- Decision Support System
- Deep Learning
- Health Data
- Healthcare Analysis
- Image Extraction
- Learning Schemes
- Medical Informatics
- Mobile Telemedicine
- Performance Analysis

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**Contemporary Applications of Mobile Computing in Healthcare Settings**

R. Rajkumar (VIT University, India)

A critical scholarly resource that explores the benefits of using mobile devices and apps in the medical field and examines the shortcomings in the validation practices regarding these technologies. Featuring coverage on a wide range of topics such as smart healthcare, patient surveillance, and body fitness monitoring, this book is geared toward academicians, nurses, medical professionals, practitioners, and students seeking current research on the quality and safety of the apps currently available for use by medical care professionals.

**Pricing**

- Hardcover: US $285
- E-Book: US $285
- Hardcover + E-Book: US $345

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**Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems**

Utku Kose (Suleyman Demirel University, Turkey), Gur Erme Guraksn (Afyon Kocatepe University, Turkey) and Omer Deperioglu (Afyon Kocatepe University, Turkey)

A pivotal reference source for emerging scholarly research on trends and techniques in the utilization of nature-inspired approaches in biomedical engineering. Featuring extensive coverage on relevant areas such as artificial intelligence, clinical decision support systems, and swarm intelligence, this publication is an ideal resource for medical practitioners, professionals, students, engineers, and researchers interested in the latest developments in biomedical technologies.

**Pricing**

- Hardcover: US $225
- E-Book: US $225
- Hardcover + E-Book: US $270

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**Global Perspectives on Health Communication in the Age of Social Media**

Seif Sekalala (Kean University, USA) and Brandon C. Niezgoda (Drexel University, USA)

A critical scholarly resource that examines the illness and pain-and-suffering narrative of health communication. Featuring coverage on a broad range of topics, such as social networks, patient empowerment, and e-health, this book is geared towards professionals and researchers in health informatics as well as students, practitioners, clinicians, and academics.
Next-Generation Mobile and Pervasive Healthcare Solutions

Jose Machado (University of Minho, Portugal), António Abeleña (University of Minho, Portugal), Manuel Filipe Santos (University of Minho, Portugal) and Filipe Portela (University of Minho, Portugal)

An advanced reference source for the latest research on emerging progress and applications within mobile health initiatives and health informatics. Featuring coverage on a broad range of topics and perspectives such as electronic health records (EHR), clinical decision support systems, and medical ontologies, this publication is ideally designed for professionals and researchers seeking scholarly material on the increased use of mobile health applications.

Novel Applications of Virtual Communities in Healthcare Settings

Christo El Mor (York University, Canada)

A crucial scholarly reference source that examines the challenges virtual communities can face, as well as the advantages they provide to members of healthcare organizations. Featuring pertinent topics that include evaluation frameworks, disaster management, knowledge translation, and user engagement, this book is ideal for medical practitioners, academicians, students, and healthcare researchers that are interested in taking part in the latest discussions of virtual communities within medical fields.

Biomedical Signal and Image Processing in Patient Care

Maheshkumar H. Kolekar (Indian Institute of Technology Patna, India) and Vinod Kumar (Indian Institute of Technology Roorkee, India)

A pivotal reference source for progressive research on the latest development of applications and tools for healthcare systems. Featuring extensive coverage on a broad range of topics and perspectives such as telemedicine, human machine interfaces, and multimodal data fusion, this publication is ideally designed for academicians, researchers, students, and practitioners seeking current scholarly research on real-life technological inventions.

Biomedical Engineering: Concepts, Methodologies, Tools, and Applications (3 Vols.)

Information Resources Management Association (USA)

An authoritative reference source for emerging scholarly research on trends, techniques, and future directions in the field of biomedical engineering technologies. Highlighting a comprehensive range of topics such as nanotechnology, biomaterials, and robotics, this multi-volume book is ideally designed for medical practitioners, professionals, students, engineers, and researchers interested in the latest developments in biomedical technology.

Technological Tools for Value-Based Sustainable Relationships in Health: Emerging Research and Opportunities

Mosad Zinedin (Linnaeus University, Sweden) and Valentina Vasicheva (Linnaeus University, Sweden)

A critical scholarly resource that examines the effects of social and healthcare technologies on human interaction, on health, on life sciences and on well-being in a complex healthcare context. Featuring coverage on a wide range of topics such as, e-health, patient and medical relationship approaches, health information technology (HIT), cybernization of healthcare organizations and patient safety. This book is geared toward academicians, practitioners, students, and researchers seeking current research on the correlation between social and medical technologies and the cultivation of connections through those technologies especially in the healthcare field.

Oral Healthcare and Technologies: Breakthroughs in Research and Practice

Information Resources Management Association (USA)

A comprehensive resource with the latest scholarly perspectives on the technological advancements and real-world applications for oral hygiene and medical care. Featuring extensive coverage across a range of relevant perspectives and topics, such as disease management, healthcare administration, and medical informatics, this multi-volume book is ideally designed for professionals, researchers, students, and practitioners seeking academic material on developments and innovations in oral medicine.
Medical Image Processing for Improved Clinical Diagnosis

A. Swarnambiga (Indian Institute of Technology Madras, India)

Medical Image Processing for Improved Clinical Diagnosis provides emerging research exploring the theoretical and practical aspects of computer-based imaging and applications within healthcare and medicine. Featuring coverage on a broad range of topics such as biomedical imaging, pattern recognition, and medical diagnosis, this book is ideally designed for medical practitioners, students, researchers, and others in the medical and engineering fields seeking current research on the use of images to enhance the accuracy of medical prognosis.

EISBN: 978-1-5225-5877-4
© 2019; 313 pp.

Pricing
Hardcover: US $245
E-Book: US $245
Hardcover + E-Book: US $295

Innovative Research in Thermal Imaging for Biology and Medicine

Ricardo Vardasca (University of Porto, Portugal) and Joaquim Gabriel Mendes (University of Porto, Portugal)

A thorough reference source that offers in-depth discussions on emerging advancements in thermal imaging techniques and provides interdisciplinary perspectives on its diverse applications. Highlighting relevant topics such as microvascular imaging, vascular optics, body cryotherapy, and myofascial trigger points, this publication is ideal for all academicians, graduate students, practitioners, and researchers who are interested in studying the latest advances in thermal imaging as it relates to medicine and biology.

EISBN: 978-1-5225-2073-3

Pricing
Hardcover: US $210
E-Book: US $210
Hardcover + E-Book: US $250

Internet of Things and Advanced Application in Healthcare

Catarina I. Reis (Polytechnic Institute of Leiria, Portugal) and Marisa da Silva Maximiano (Polytechnic Institute of Leiria, Portugal)

A critical reference source for emerging research on the implementation of the latest networking and technological trends within the healthcare industry. Featuring in-depth coverage across the broad scope of the Internet of Things in specialized settings, such as context-aware computing, reliability, and healthcare support systems, this publication is an ideal resource for professionals, researchers, upper-level students, practitioners, and technology developers seeking innovative material on the Internet of Things and its distinct applications.

EISBN: 978-1-5225-1821-1
© 2017; 349 pp.

Pricing
Hardcover: US $210
E-Book: US $210
Hardcover + E-Book: US $250

Optimized Genetic Programming Applications: Emerging Research and Opportunities

Bahrudin Hrnjica (University of Bihac, Bosnia and Herzegovina) and Ali Danandeh Mehr (Antalya Bilim University, Turkey)

Optimized Genetic Programming Applications: Emerging Research and Opportunities is an essential reference source that explores the concept of genetic programming and its role in managing engineering problems. It also examines genetic programming as a supervised machine learning technique, focusing on implementation and application. As a resource that details both the theoretical aspects and implementation of genetic programming, this book is a useful source for academicians, biological engineers, computer programmers, scientists, researchers, and upper-level students seeking the latest research on genetic programming.

EISBN: 978-1-5225-1735-2
© 2017; 357 pp.

Pricing
Hardcover: US $205
E-Book: US $205
Hardcover + E-Book: US $245
Medical Imaging: Concepts, Methodologies, Tools, and Applications (4 Vols.)

Information Resources Management Association (USA)

Presents research on digital imaging technologies in a variety of healthcare settings. This multi-volume work contains practical examples of implementation, emerging trends, case studies, and technological innovations essential for using imaging technologies for making medical decisions. This comprehensive publication is an essential resource for medical practitioners, digital imaging technologists, researchers, and medical students.

Advancing Medicine through Nanotechnology and Nanomechanics Applications

Keka Talukdar (Nadiha High School, India), Mayank Bhushan (Pondicherry University, India) and Anil Shantappa Malipatil (Guru Nanak Dev Engineering College – Bidar, India)

Highlights emergent trends and empirical research on technological innovations in medicine and healthcare. Investigating the impact of nanotechnology and nanomechanics on the treatment of diseases, regenerative medicine, and drug delivery systems, this publication is a vital reference source for professionals, researchers, medical students, and engineering students.

Integrating Biologically-Inspired Nanotechnology into Medical Practice

B.K. Nayak (K.M. Centre for Post Graduate Studies, India), Anima Nanda (Sathyabama University, India) and M. Amin Bhat (Sathyabama University, India)

Presents the latest research on nanobiotechnology and its application as a real-world healthcare solution. Emphasizing applications of micro-scale technologies in the areas of oncology, food science, and pharmacology, this reference publication is an essential resource for medical professionals, researchers, chemists, and graduate-level students in the medical and pharmaceutical sciences.

Computational Tools and Techniques for Biomedical Signal Processing

Butta Singh (Guru Nanak Dev University, India)

Investigates high-performance computing techniques being utilized in hospital information systems. Featuring comprehensive coverage on various theoretical perspectives, best practices, and emergent research in the field, this book is ideally suited for computer scientists, information technologists, biomedical engineers, data-processing specialists, and medical physicists interested in signal processing within medical systems and facilities.

Cloud Computing Systems and Applications in Healthcare

Chintan M. Bhatt (Charotar University of Science & Technology, India) and S. K. Peddoju (Indian Institute of Technology Roorkee, India)

Features innovative research on the impact that cloud technology has on patient care, disease management, and the efficiency of various medical systems. Highlighting the challenges and difficulties in implementing cloud technology into the healthcare field, this publication is a critical reference source for academicians, technology designers, engineers, professionals, analysts, and graduate students.

Pattern and Data Analysis in Healthcare Settings

Vivek Tiwari (Maulana Azad National Institute of Technology, India), Basant Tiwari (Devi Ahilya University, India), Ramjeevan Singh Thakur (Maulana Azad National Institute of Technology, India) and Shailendra Gupta (AISECT University, India)

Investigates the approaches to shift computing from analysis on-demand to knowledge on-demand. By providing innovative tactics to apply data and pattern analysis, these practices are optimized into pragmatic sources of knowledge for healthcare professionals. This publication is an exhaustive source for policy makers, developers, business professionals, healthcare providers, and graduate students concerned with data retrieval and analysis.
Examining the Development, Regulation, and Consumption of Functional Foods
Sailas Benjamin (University of Calicut, India)
An authoritative reference source for the latest scholarly material on the consumption and use of specific foods to prevent, manage, and treat diseases. Highlighting critical issues relating to the development, preparation, regulation, and overall benefits of functional foods, this book is ideally designed for medical practitioners, nutritionists, upper-level students, researchers, and academicians.

Research Advancements in Pharmaceutical, Nutritional, and Industrial Enzymology
Shashi Lata Bharati (North Eastern Regional Institute of Science and Technology, India) and Pankaj Kumar Chaurasia (LS College Muzaffarpur, India)
Provides emerging research on biosynthesis, enzymatic treatments, and bioengineering of medicinal waste. While highlighting issues such as structural implications for drug development and food applications, this publication explores information on various applications of enzymes in pharmaceutical, nutritional, and industrial aspects. This book is a valuable resource for medical professionals, pharmacists, pharmaceutical companies, researchers, academics, and upper-level students seeking current information on developing scientific ideas for new drugs and other enzymatic advancements.

Microbial Cultures and Enzymes in Dairy Technology
Şebnem Öztoplkoğlu Budak (Ankara University, Turkey) and H. Ceren Akal (Ankara University, Turkey)
A critical scholarly resource that explores multidisciplinary uses of cultures and enzymes in the production of dairy products. Featuring coverage on a wide range of topics such as dairy probiotics, biopreservatives, and fermentation, this book is geared toward academicians, researchers, and professionals in the dairy industry seeking current research on the major role of microorganisms in the production of many dairy products.

Food Science and Nutrition: Breakthroughs in Research and Practice
Information Resources Management Association (USA)
An innovative reference source for the latest academic material on how dietary nutrition can impact people’s lives, prevent disease, and maintain an overall healthier lifestyle. Highlighting a range of topics, such as health preservation, functional foods, and herbal remedies, this publication is ideally designed for researchers, academics, students, policy makers, government officials, and technology developers.

Nutraceuticals and Innovative Food Products for Healthy Living and Preventive Care
Amit Verma (SDAU, India), Kajal Srivastava (GBPUIAT, India), Shivom Singh (ITM University, India) and Hukum Singh (Forest Research Institute, India)
A reference source for the latest research findings on food components that provide health and medical benefits, including the prevention, treatment, and cures for numerous diseases. Featuring extensive coverage on relevant areas such as functional foods, alternative medicine, and nutrition, this publication is an ideal resource for medical practitioners, nutritionists, upper-level students, researchers, and academicians seeking information on the use of food products in health management.

Pharmaceutical Sciences: Breakthroughs in Research and Practice (2 Vols.)
Information Resources Management Association (USA)
Provides comprehensive coverage of the latest innovations and advancements for pharmaceutical applications. Focusing on emerging drug development techniques and drug delivery for improved health outcomes, this book is ideally designed for medical professionals, pharmacists, researchers, academics, and upper-level students within the growing pharmaceutical industry.
Nutraceutical and Functional Foods in Disease Prevention

Editor(s)-in-Chief: Raj K. Keservani (Chhatrapati Shahu Ji Maharaj Group of Institutions, India), Anil K. Sharma (Delhi Institute of Pharmaceutical Sciences and Research, India) and Rajesh K. Kesharwani (Nims University Rajasthan, India)

Current research on health, nutrition, and preventative care will always be in demand. As the battles against ailments such as diabetes and heart disease continue, medical professionals are seeking to create a healthier society through nutrition and dietary-based tactics.

**Nutraceutical and Functional Foods in Disease Prevention** is a comprehensive publication providing current research on the dynamic fields of pharmaceutical and biomedical science in relation to nutrition. This book examines the interactions and associations between nutritive value and its therapeutic applications in human health. Touching on topics such as the impact of probiotics in human health and disease treatment, recent trends in functional foods for obesity management, and the clinical role of antioxidants in the treatment of diseases, this title proves a valuable resource for academicians, healthcare practitioners, medical researchers, and higher education students preparing for careers as health professionals.

**Topics Covered:**
- Bacteriocin
- Cardiovascular Diseases
- Diabetes
- Drug Delivery System
- Functional Food
- Microbiota
- Neurodegenerative Disorders
- Nutraceutical Food
- Obesity
- Probiotics

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Recent Advances in Drug Delivery Technology

Raj K. Keservani (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India), Anil K. Sharma (Delhi Institute of Pharmaceutical Sciences and Research, India) and Rajesh Kumar Kesharwani (National Institute of Technology, Warangal, India)

A pivotal reference source for the latest scholarly research on the application of pharmaceutical technology to optimize techniques for drug delivery in patients. Focusing on novel approaches in pharmaceutical science, this book is ideally designed for medical practitioners, upper-level students, scientists, and researchers.

**ISBN:** 978-1-5225-0754-3
**EISBN:** 978-1-5225-0755-0
© 2017; 510 pp.

**Pricing**
- Hardcover: US $215
- E-Book: US $215
- Hardcover + E-Book: US $260

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Novel Approaches for Drug Delivery

Raj K. Keservani (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India), Anil K. Sharma (Delhi Institute of Pharmaceutical Sciences and Research, India) and Rajesh Kumar Kesharwani (National Institute of Technology, Warangal, India)

An authoritative reference source for the latest scholarly research on emerging developments within the pharmaceutical industry, examining the current state and future directions of drug delivery systems. Highlighting therapeutic applications, predictive toxicology, and risk assessment perspectives, this book is ideally designed for medical practitioners, pharmacists, graduate-level students, scientists, and researchers.

**ISBN:** 978-1-5225-0751-2
**EISBN:** 978-1-5225-0752-9
© 2017; 515 pp.

**Pricing**
- Hardcover: US $210
- E-Book: US $210
- Hardcover + E-Book: US $250

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Exploring the Nutrition and Health Benefits of Functional Foods

Hossain Uddin Shekhar (University of Dhaka, Bangladesh), Zakir Hossain Howlader (University of Dhaka, Bangladesh) and Yearel Kabir (University of Dhaka, Bangladesh)

Provides a comprehensive overview of how dietary nutrition can impact people’s lives, prevent disease, and maintain an overall healthier lifestyle. Highlighting theoretical and practical attributes of different functional foods and how they are utilized globally, this book is an essential reference for researchers, academics, students, policy makers, government officials, and technology developers.

**ISBN:** 978-1-5225-0591-4
**EISBN:** 978-1-5225-0592-1
© 2019; 569 pp.

**Pricing**
- Hardcover: US $215
- E-Book: US $215
- Hardcover + E-Book: US $260
Chronic Stress and Its Effect on Brain Structure and Connectivity
Ana Starcevic (University of Belgrade, Serbia)

An essential reference source that presents current information on chronic stress management, the impact of mass media coverage on the human mind, and the effects of post-traumatic stress. Featuring research on topics such as the neurophysiological basis of moods, trauma, quantum cognition, mental health, therapy, and neurobiology, this book is ideally designed for mental health professionals, neuroscientists, neurologists, psychiatrists, researchers, and therapists.

Multicultural Counseling Applications for Improved Mental Healthcare Services
Anasuya Jegathevi Jegathesan (HELP University, Malaysia) and Siti Salina Abdullah (University Malaysia Terengganu, Malaysia)

An essential reference source that discusses techniques in addressing different religions and cultures in counseling and therapy. The research in this publication provides a platform and a voice for Eastern therapists to contribute to the body of knowledge and build a more robust therapeutic framework for practitioners worldwide. Featuring topics such as psychotherapy, refugee counseling, and women empowerment, this book is ideally designed for mental health professionals, counselors, therapists, clinical psychologists, sociologists, social workers, researchers, students, and social science academicians seeking coverage on significant advances in therapy, as well as the skills, challenges, and abilities that practitioners facing diverse populations must manage on a daily basis.

The Mental Health Effects of Informal Caregiving: Emerging Research and Opportunities
Debra Gavin Ware (Argosy University, USA) and Tarnue Johnson (Argosy University, USA & Kirkwood Community College, USA)

Provides autobiographical accounts and statistical data associated with the caregiving experience, as well as the methods to discern the positive psychological forces that shape the subjective wellbeing of informal caregivers. Highlighting topics such as institutional vs. informal caregiving, special healthcare needs, and veteran care, this book is ideally designed for psychologists, therapists, researchers, medical institutions, academia, and students seeking current research on the subjective wellbeing of informal caregivers.

Virtual and Augmented Reality in Mental Health Treatment
Giuliana Guazzaroni (Università Politecnica delle Marche, Italy)

Provides innovative insights into the use and durability of virtual reality as a treatment for various behavioral and emotional disorders and health problems. The content within this publication represents the work of e-learning, digital psychology, and quality of care. It is designed for psychologists, psychiatrists, professionals, medical staff, educators, and researchers, and covers topics centered on medical and therapeutic applications of artificial intelligence and simulated environment.

Mental Health Policy, Practice, and Service Accessibility in Contemporary Society
Jennifer M. Martin (Swinburne University, Australia)

Provides innovative insights into contemporary and future issues within the field of mental healthcare. The content within this publication represents the work of medical funding, social inclusion, and social work education. It is a vital reference source for post-graduate students, medical researchers, psychology professionals, sociologists, and academicians seeking coverage on topics centered on improving future practices in mental health and wellbeing.

Handbook of Research on Psychosocial Perspectives of Human Communication Disorders
Sanjeev Kumar Gupta (All India Institute of Speech and Hearing, India) and Srinivasan Venkatesan (All India Institute of Speech and Hearing, India)

A critical scholarly resource that covers needs-based issues pertaining to the assessment and management of communication disorders. It provides the latest research on the importance of early identification, as well as prevention and intervention practices to promote healthy cognitive, speech, language, motor, social, and emotional development. Featuring coverage on a broad range of topics such as speech therapy for children, behavior therapy, and communication disorders, this book is a vital reference source for clinical psychologists, audiologists, speech-language pathologists, special education teachers, occupational therapists, physiotherapists, physiatrists, otolaryngologists, and neurologists.
Raising Mental Health Awareness in Higher Education: Emerging Research and Opportunities

Melissa Martin (State University of New York at Plattsburgh, USA), et al.

Describes the current state of college students’ mental health in the United States, influences that contribute to wakening mental health, factors that promote flourishing mental health, and interventions that support mental health. While highlighting present programs and activities, readers will find new methods that can be implemented to support the needs of college students. This book is an important resource for staff and faculty in postsecondary institutions seeking current research on the growing problem of mental health in higher education.

Deconstructing Stigma in Mental Health

Brittany A. Canfield (Southern New Hampshire University, USA) and Holly A. Cunningham (CPES Inc., USA)

Provides emerging research on issues related to stigma as a whole including ignorance, prejudice, and discrimination. While highlighting issues such as stigma and its role in mental health and how stigma is perpetuated in society, this publication explores the historical context of stigma, current issues and resolutions through intersectional collaboration, and the deconstruction of mental health stigmas. This book is a valuable resource for mental health administrators and clinicians, researchers, educators, policy makers, and psychology professionals seeking information on current mental health stigma trends.

Web-Based Behavioral Therapies for Mental Disorders

Sitwat Usman Langrial (Sur University College, Oman)

A pivotal reference source for the latest scholarly research on alternative technology-based approaches to the treatment and support of mental illnesses. Featuring extensive coverage on topics such as cognitive behavioral therapy, depression, and acceptance and commitment therapy, this book is ideally designed for researchers, psychologists, psychiatrists, and clinical scientists seeking current research on effective technological solutions for promoting well-being and meeting the needs for personalized health.

Workforce Development Theory and Practice in the Mental Health Sector

Mark Smith (Te Pou o te Whakaaro Nui: National Workforce Center for Adult Mental Health, Addiction and Disability, New Zealand) and Angela F. Jury (Te Pou o te Whakaaro Nui: National Workforce Center for Adult Mental Health, Addiction and Disability, New Zealand)

Examines emergent research on the identification and epidemiology of various mental illnesses. Featuring information on the prevalence of the disease, psychopharmacological advancements, and strategies for the management of chronic mental illnesses, this book is ideally suited for students, psychiatrists, psychologists, neurologists, social workers, rehabilitation therapists, and other health professionals interested in learning more about shifting practices in the mental health sector.
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