

these immune cells tend to exist in parallel worlds with minimum exchange of information and ideas. This fragmentation hinders the integration of these fields towards a unified theory of host response. The Aegean Conference “Crossroads between Innate and Adaptive Immunity” brought together leading international scientists and experts to address critical areas of Innate and Adaptive immunity something necessary for the development of more efficient scientific exchange and crosspollination between these fields. This conference attracted scientists from all over the world to discuss their latest findings on the various aspects of Innate and Adaptive immunity. The conference had limited participation and a scientific and social program that maximized scientific interchange through lecture presentations, poster sessions and informal discussions. IAP Guidebook on Immunization 2018-2019 [Jaypee Brothers Medical Publishers](#) Health, Safety and Well-Being of Workers in the Informal Sector in India Lessons for Emerging Economies [Springer](#) This book focuses on the core problems of occupational health, safety and well-being of workers in the informal sector in developing countries, where it accounts for most of the rural labour force and a substantial percentage of the urban labour force. The sector is characterised by low incomes, unstable employment and lack of protection in the form of legislation/policies or trade unions. Though some health and problem-solving measures have been introduced, a focused academic effort to address the problems confronting workers in the unorganised sector, or informal economy, is lacking. The book evaluates workers’ physical and mental health in the context of labour migration, social inclusion of minorities and the differently abled, provisions for women workers, demonetisation, occupational safety for hazardous work, and in connection with various areas of informal work, e.g. agriculture, construction, transportation, sanitation, tanning, the tobacco industry, powerloom industry, surrogacy, and self-employment. It provides a well-rounded description of an analytical reflection on the challenges these workers face and focuses on social policy changes to help alleviate them. Accordingly, it offers a valuable asset for researchers and students interested in development studies, the sociology of work, health and labour economics, public health, and social work. Guidelines for the Management of Snakebites [World Health Organization](#) Snakebites are well-known medical emergencies in many parts of the world, especially in rural areas. Agricultural workers and children are most affected. The incidence of snakebite mortality is particularly high in South-East Asia. Rational use of snake anti-venom can substantially reduce mortality and morbidity due to snake bites. These guidelines are a revised and updated version of those published in 2011. The geographical coverage extends from India in the west to DPR Korea and Indonesia in the east, Nepal and Bhutan in the north, and to Sri Lanka and Indonesia in the south and south-east. Snakes inhabiting the Indonesian islands east of Wallace's line (West Papua and Maluku Islands) are part of the Australasian elapid fauna, differing from those west of this line. This publication passes on a digest of available knowledge about all clinical aspects of snake-bite to medically trained personnel, including medical doctors, nurses, dispensers and community health workers. They will provide sufficient practical information to allow medically trained personnel to assess and treat patients with snake-bites at different levels of the health service. Experimental Therapeutics [CRC Press](#) As a general rule, for every 10,000 molecules screened in a given program in the laboratory, only one will survive to launch. To minimize costs, companies need to catch potential failures, due either to lack of clinical effect or toxicity, in the early discovery phase, long before they reach patients. Experimental Therapeutics introduces the dynamic and competitive discipline of experimental medicine. Informative, concise, and easy-to-read, the book emphasizes what scientists involved in drug discovery need to know about the rapid advances made in molecular biology, genetics, and technology. Each chapter starts with a summary box, has several high yield boxes, tables, and figures and ends with a reference section that has key URLs and carefully selected references to scientific papers. The book is a useful primer for anyone working to advance the pharmacological management of disease. Molecular Targets and Therapeutic Uses of Spices Modern Uses for Ancient Medicine [World Scientific](#) Traditional uses of spices : an overview / Ajaikumar B. Kunnumakkara ... [et al.] -- Black pepper (Piper nigrum) and its bioactive compound, piperine / Krishnapura Srinivasan -- Cardamom (Elettaria cardamomum) and its active constituent, 1,8-cineole / Archana Sengupta and Shamee Bhattacharjee -- Molecular targets and health benefits of cinnamon / Kiran Panickar ... [et al.] -- Cloves (eugenol) / Yoshinori Kadoma ... [et al.] -- Coriander / Sanjeev Shukla and Sanjay Gupta -- Fenugreek (diosgenin) / Jayadev Raju and Chinthapally V. Rao -- Diallyl sulfide from garlic / Girija Kuttan and Punathil Thejass -- Ginger (6-gingerol) / Nidhi Nigam, Jasmine George, and Yogeshwer Shukla -- Kalonji (thymoquinone) / Ahmed O. Kaseb and Abdel-Hafez A. Selim -- Kokum (garcinol) / Manoj K. Pandey, Ajaikumar B. Kunnumakkara, and Bharat B. Aggarwal -- Capsaicin : a hot spice in the chemoprevention of cancer / Joydeb Kumar Kundu and Young-Joon Surh -- Rosemary (rosmarinic acid) / Jongsung Lee ... [et al.] -- Mint and its constituents / Ajaikumar B. Kunnumakkara ... [et al.] -- Turmeric (curcumin) / Jen-Kun Lin and Shoei-Yn Lin Shiau. Vaccines and Autoimmunity [John Wiley & Sons](#) In light of the discovery of Autoimmune Syndrome Induced by Adjuvants, or ASIA, Vaccines and Autoimmunity explores the role of adjuvants - specifically aluminum in different vaccines - and how they can induce diverse autoimmune clinical manifestations in genetically prone individuals. Vaccines and Autoimmunity is divided into three sections; the first contextualizes the role of adjuvants in the framework of autoimmunity, covering the mechanism of action of adjuvants, experimental models of adjuvant induced autoimmune diseases, infections as adjuvants, the Gulf War Syndrome, sick-building syndrome (SBS), safe vaccines, toll-like receptors, TLRs in vaccines, pesticides as adjuvants, oil as adjuvant, mercury, aluminum and autoimmunity. The following section reviews literature on vaccines that have induced autoimmune conditions such as MMR and HBV, among others. The final section covers diseases in which vaccines are known to be the solicitor - for instance, systemic lupus erythematosus - and whether it can be induced by vaccines for MMR, HBV, HCV, and others. Edited by leaders in the field, Vaccines and Autoimmunity is an invaluable resource for advanced students and researchers working in pathogenic and epidemiological studies. Multi-Targeted Approach to Treatment of Cancer [Springer](#) In this book, clinicians and basic scientists from USA, India, and other countries discuss the rationales and clinical experiences with targeted approaches to treat, prevent, or manage cancer. Cancer is a hyperproliferative disorder that is regulated by multiple genes and multiple cell signaling pathways. Genomics, proteomics, and metabolomics have revealed that dysregulation of dozens of genes and their products occur in any given cell type that ultimately leads to cancer. These discoveries are providing unprecedented opportunities to tackle cancer by multi-faceted approaches that target these underpinnings. This book emphasizes a multi-targeted approach to treating cancer, the focus of the 5th International Conference on Translational Cancer Research that was held in Vigyan Bhawan, Delhi (India) from Feb 6-9, 2014. MKSAP for Students 4 Medical Knowledge Self-assessment Program [ACP Press](#) Designed for medical students on their clerkship rotation, this new edition of MKSAP for Students 4 includes more than 400 new, patient-centered self-assessment questions and answers, focused on important internal medicine information from the Core Medicine Clerkship Curriculum Guides Training Problems. The accompanying CD-ROM automatically tracks progress, assesses areas for further focus, enables category-based and random question ordering, and links directly to PubMed. Aging in Asia Findings from New and Emerging Data Initiatives [National Academies Press](#) The population of Asia is growing both larger and older. Demographically the most important continent on the world, Asia's population, currently estimated to be 4.2 billion, is expected to increase to about 5.9 billion by 2050. Rapid declines in fertility, together with rising life expectancy, are altering the age structure of the population so that in 2050, for the first time in history, there will be roughly as many people in Asia over the age of 65 as under the age of 15. It is against this backdrop that the Division of Behavioral and Social Research at the U.S. National Institute on Aging (NIA) asked the National Research Council (NRC), through the Committee on Population, to undertake a project on advancing behavioral and social research on aging in Asia. Aging in Asia: Findings from New and Emerging Data Initiatives is a peer-reviewed collection of papers from China, India, Indonesia, Japan, and Thailand that were presented at two conferences organized in conjunction with the Chinese Academy of Sciences, Indian National Science Academy, Indonesian Academy of Sciences, and Science Council of Japan; the first conference was hosted by the Chinese Academy of Social Sciences in Beijing, and the second conference was hosted by the Indian National Science Academy in New Delhi. The papers in the volume highlight the contributions from new and emerging data initiatives in the region and cover subject areas such as economic growth, labor markets, and consumption; family roles and responsibilities; and labor markets and consumption. Tele-oncology [Springer](#) This book explains how telemedicine can offer solutions capable of improving the care and survival rates of cancer patients and can also help patients to live a normal life in spite of their condition. Different fields of application - community, hospital and home based - are examined, and detailed attention is paid to the use of tele-oncology in rural/extreme rural settings and in developing countries. The impact of new technologies and the opportunities afforded by the social web are both discussed. The concluding chapters consider eLearning in relation to cancer care and assess the scope for education to improve prevention. No medical condition can shatter people's lives as cancer does today and the need to develop strategies to reduce the disease burden and improve quality of life is paramount. Readers will find this new volume in Springer's TElE Health series to be a rich source of information on the important contribution that can be made by telemedicine in achieving these goals. Handbook of Dialysis [Lippincott Williams & Wilkins](#) The revised, updated Fourth Edition of this popular handbook provides practical, accessible information on all aspects of dialysis, with emphasis on day-to-day management of patients. Chapters provide complete coverage of hemodialysis, peritoneal dialysis, special problems in dialysis patients, and problems pertaining to various organ systems. This edition reflects the latest guidelines of the National Kidney Foundation's Kidney Disease Outcomes Quality Initiative (KDOQI) on hemodialysis and peritoneal dialysis adequacy and on nutrition. New chapters cover chronic kidney disease management in predialysis patients, frequent daily or nocturnal hemodialysis, and hemodiafiltration. Chapters on venous and arteriovenous access have been completely revised. Each chapter provides references to relevant Web sites. Anti-inflammatory Nutraceuticals and Chronic Diseases [Springer](#) This comprehensive volume focuses on anti-inflammatory nutraceuticals and their role in various chronic diseases. Food and Drug Administration (FDA) approved drugs such as steroids, non-steroidal anti-inflammatory drugs (NSAIDs), statins and metformin have been shown to modulate inflammatory pathways, but their long-term intake has been associated with numerous side effects. This means that there is enormous potential for dietary agents that can modulate inflammatory pathways in humans. Leading experts describe the latest research on the role of anti-inflammatory nutraceuticals in preventing and treating chronic diseases. Fundamentals of Biomechanics [Springer Science & Business Media](#) Fundamentals of Biomechanics introduces the exciting world of how human movement is created and how it can be improved. Teachers, coaches and physical therapists all use biomechanics to help people improve movement and decrease the risk of injury. The book presents a comprehensive review of the major concepts of biomechanics and summarizes them in nine principles of biomechanics. Fundamentals of Biomechanics concludes by showing how these principles can be used by movement professionals to improve human movement. Specific case studies are presented in physical education, coaching, strength and conditioning, and sports medicine. Environmental Science [New Age International](#) Rheumatoid Arthritis Early Diagnosis and Treatment Emphasizes the importance of early intervention in RA with focus on pharmacologic treatment of RA. Detailed information on the various medications employed in treatment, including corticosteroids, NSAIDs DMARDs, biologic agents, and combination therapy is reviewed, including evidence based data on efficacy, safety, side effects, and monitoring requirements. Clinical evaluation is presented, including lab findings, joint scoring, diagnostic criteria, and radiographic outcomes. Surgical options and the management of advanced RA are discussed. INDIA'S NEW CAPITALISTS Caste, Business, and Industry in a Modern Nation [Hachette UK](#) It's no secret that certain social groups have predominated India's business and trading history, with business traditionally being the preserve of particular 'Bania' communities. However, the past four or so decades have seen a widening of the social base of Indian capital, such that the social profile of Indian business has expanded beyond recognition, and entrepreneurship and commerce in India are no longer the exclusive bastion of the old mercantile castes. In this meticulously researched book - acclaimed for being the first social history to document and understand India's new entrepreneurial groups - Harish Damodaran looks to answer who the new 'wealth creators' are, as he traces the transitional entry of India's middle and lower peasant castes into the business world. Combining analytical rigour with journalistic flair, India's New Capitalists is an essential read for anyone seeking to understand the culture and evolution of business in contemporary South Asia. Medical Retina [Springer Science & Business Media](#) • Significant research and increase in knowledge about retinal diseases in recent

years • Highly practical and clinically relevant • All editors with international reputation and contributing authors with expertise on their topic • Reader-friendly format: Well-structured text and design, quick and easy to read • Richly illustrated with numerous tables and color photos • Ophthalmology series is indispensable for continuous education and advanced training • Series bridges the gap between primary literature and daily practice • Every 2nd year each subject of the series is covered with timely information about the new development in the specialized field Gender Equality and Sustainable Development [Routledge](#) For pathways to be truly sustainable and advance gender equality and the rights and capabilities of women and girls, those whose lives and well-being are at stake must be involved in leading the way. Gender Equality and Sustainable Development calls for policies, investments and initiatives in sustainable development that recognize women's knowledge, agency and decision-making as fundamental. Four key sets of issues - work and industrial production; population and reproduction; food and agriculture, and water, sanitation and energy provide focal lenses through which these challenges are considered. Perspectives from new feminist political ecology and economy are integrated, alongside issues of rights, relations and power. The book untangles the complex interactions between different dimensions of gender relations and of sustainability, and explores how policy and activism can build synergies between them. Finally, this book demonstrates how plural pathways are possible; underpinned by different narratives about gender and sustainability, and how the choices between these are ultimately political. This timely book will be of great interest to students, scholars, practitioners and policy makers working on gender, sustainable development, development studies and ecological economics. Text Book of Preventive and Social Medicine [Jaypee Brothers Publishers](#) Moving Out of Poverty Rising from the Ashes of Conflict [World Bank Publications](#) There is no peace with hunger. Only promises and promises and no fulfillment. If there is no job, there is no peace. If there is nothing to cook in the pot, there is no peace. - Oscar, a 57-year-old man, El Gorri n, Colombia They want to construct their houses near the road, and they cannot do that if they do not have peace with their enemies. So peace and the road have developed a symbiotic relation. One cannot live without the other. . . . - A community leader from a conflict-affected community on the island of Mindanao, Philippines Most conflict studies focus on the national level, but this volume focuses on the community level. It explores how communities experience and recover from violent conflict, and the surprising opportunities that can emerge for poor people to move out of poverty in these harsh contexts. 'Rising from the Ashes of Conflict' reveals how poor people s mobility is shaped by local democracy, people s associations, aid strategies, and the local economic environment in over 100 communities in seven conflict-affected countries, including Afghanistan. The findings suggest the need to rethink postconflict development assistance. This is the fourth volume in a series derived from the Moving Out of Poverty study, which explores mobility from the perspectives of poor people in more than 500 communities across 15 countries. Cownomics Cownomics is a deep dive into the place of the cow in the society and economy. It takes a 360 degree view of the impact of cow slaughter and dairy farms on health, nutrition, environment, climate change, agriculture, and economics. It seeks to resurrect and revive the Vedic economic model of "Cownomics" - a healthy, prosperous society, the fulcrum of which was the holy cow. Backed by scientific research as well as research from Hindu scriptural texts like Shiva Agamas, Vedas, Upanishads, Ayurveda texts, Yoga texts and many more, the book brings to light many forgotten aspects of how changing the place of the cow in the society can change the society at large, for better. Not a bundle of opinions, but sourced from of hundreds of research papers, books & scriptures with ground research and independent analysis. It is a misconception that banning cow slaughter & making dairy humane is not economically viable. The book discusses how this system is broken & ailing. It is hurting the economy, animals and YOU - and not helping anyone. Demolishing all misplaced arguments, this is an exploration of a humane world. Gender and Green Governance The Political Economy of Women's Presence Within and Beyond Community Forestry [Oxford University Press](#) Yet they have hardly been empirically investigated. Ageing in India Socio-economic and Health Dimensions [Academic Foundation](#) The socioeconomic, health, and public-policy aspects of aging in India are presented in this study that draws on empirical research to assess the country's preparedness. This analysis argues that many of the fundamental issues that need to be addressed by a country with a large aging population are not fully understood by public agencies. A number of policy options for the welfare of the growing number of elderly, particularly women, are proposed. Business Statistics [Ane Books Pvt Ltd](#) Tuberculosis in Adults and Children [Springer](#) This work contains updated and clinically relevant information about tuberculosis. It is aimed at providing a succinct overview of history and disease epidemiology, clinical presentation and the most recent scientific developments in the field of tuberculosis research, with an emphasis on diagnosis and treatment. It may serve as a practical resource for students, clinicians and researchers who work in the field of infectious diseases. The Merck Manual Home Health Handbook [Wiley](#) Now in paperback—the most comprehensive home health reference bestseller Millions of people around the world have relied on The Merck Manual Home Health Handbook for quick access to authoritative, accessible health information. Written by more than 300 internationally respected medical experts, this comprehensive medical resource features extensive, up-to-date coverage of health care for newborns, the elderly, and everyone in between. Contains reliable, up-to-date information on a broad range of medical conditions, illnesses, and situations, including accidents and injuries, aging, cancer, diabetes, digestive disorders, heart disease, mental health disorders, and many others Covers men's, women's, pediatric (both newborns and older children), and geriatric health issues Well organized and extensively indexed to make information easy to find An extraordinary bargain at a penny a page The Merck Manual Home Health Handbook is filled with essential medical information that's both easy to find and easy to understand in order to help you communicate more effectively with your doctor, understand a diagnosis or treatment option, or simply know more about your health and the health of those you care about.