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KEY=DISEASES - LACEY CHURCH

TROPICAL DISEASES BULLETIN

THE MAKING OF A TROPICAL DISEASE

A SHORT HISTORY OF MALARIA

JHU Press A global history of malaria that traces the natural and social forces that have shaped its spread and made it deadly, while limiting efforts to eliminate it. Malaria sickens hundreds of millions of people—and kills nearly a half a million—each year. Despite massive efforts to eradicate the disease, it remains a major public health problem in poorer tropical regions. But malaria has not always been concentrated in tropical areas. How did malaria disappear from other regions, and why does it persist in the tropics? From Russia to Bengal to Palm Beach, Randall M. Packard's far-ranging narrative shows how the history of malaria has been driven by the interplay of social, biological, economic, and environmental forces. The shifting alignment of these forces has largely determined the social and geographical distribution of the disease, including its initial global expansion, its subsequent retreat to the tropics, and its current persistence. Packard argues that efforts to control and eliminate malaria have often ignored this reality, relying on the use of biotechnologies to fight the disease. Failure to address the forces driving malaria transmission have undermined past control efforts. Describing major changes in both the epidemiology of malaria and efforts to control the disease, the revised edition of this acclaimed history, which was chosen as the 2008 End Malaria Awards Book of the Year in its original printing, • examines recent efforts to eradicate malaria following massive increases in funding and political commitment; • discusses the development of new malaria-fighting biotechnologies, including long-lasting insecticide-treated nets, rapid diagnostic tests, combination artemisinin therapies, and genetically modified mosquitoes; • explores the efficacy of newly developed vaccines; and • explains why eliminating malaria will also require addressing the social forces that drive the disease and building health infrastructures that can identify and treat the last cases of malaria. Authoritative, fascinating, and eye-opening, this short history of malaria concludes with policy recommendations for improving control strategies and saving lives.

PROCEEDINGS OF 6TH INTERNATIONAL CONFERENCE ON TROPICAL MEDICINE AND INFECTIOUS DISEASES 2019

JOURNAL OF TROPICAL DISEASES & PUBLIC HEALTH : VOLUME 7

ConferenceSeries January 28-29, 2019 Barcelona, Spain Tropical Medicine, Parasitology, Infectious Diseases, Neglected Tropical Diseases, Other Major Diseases, Tropical Medicine and Various other Medicine, Sexually-Transmitted Infections, Clinical Tropical Medicine, Microbiology, Tropical Biomedical Sciences, Mental Health and Nocosomal Infections, Genetics and Multi System Diseases, Tropical Diseases in Animals, Immunology, Disease prevention, Control and elimination, Vaccine and Treatment, Case Studies,

MANSON'S TROPICAL DISEASES E-BOOK

Elsevier Health Sciences From the difficult to diagnose to the difficult to treat, Manson's Tropical Diseases prepares you to effectively handle whatever your patients may have contracted. Featuring an internationally recognized editorial team, global contributors, and expert authors, this revised and updated medical reference book provides you with the latest coverage on parasitic and infectious diseases from around the world. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability. Incorporate the latest therapies into your practice, such as recently approved drugs and new treatment options. Find what you need easily and apply it quickly with highlighted key information, convenient boxes and tables, extensive cross-referencing, and clinical

management diagrams. Make the most accurate Tropical Disease diagnoses through a completely redesigned and modernized format, which includes full-color images throughout. Apply the latest treatment strategies for HIV/AIDS, tropical neurology, malaria, and much more. Put the latest international expertise to work for you and your patients with new chapters covering Global Health; Global Health Governance and Tropical Diseases; Non-communicable Diseases; Obesity in the Tropics; and Emergency and Intensive Care Medicine in Resource-poor Settings. See which diseases are most prevalent in specific areas of the tropics through a new index of diseases by country, as well as online-only maps that provide additional detail. Better understand the variations in treatment approaches across the globe.

DISEASE CONTROL PRIORITIES, THIRD EDITION (VOLUME 6)

HIV/AIDS, STIS, TUBERCULOSIS, AND MALARIA

Disease Control Priorities Infectious diseases are the leading cause of death globally, particularly among children and young adults. The spread of new pathogens and the threat of antimicrobial resistance pose particular challenges in combating these diseases. Major Infectious Diseases identifies feasible, cost-effective packages of interventions and strategies across delivery platforms to prevent and treat HIV/AIDS, other sexually transmitted infections, tuberculosis, malaria, adult febrile illness, viral hepatitis, and neglected tropical diseases. The volume emphasizes the need to effectively address emerging antimicrobial resistance, strengthen health systems, and increase access to care. The attainable goals are to reduce incidence, develop innovative approaches, and optimize existing tools in resource-constrained settings.

SAVING LIVES, BUYING TIME

ECONOMICS OF MALARIA DRUGS IN AN AGE OF RESISTANCE

National Academies Press For more than 50 years, low-cost antimalarial drugs silently saved millions of lives and cured billions of debilitating infections. Today, however, these drugs no longer work against the deadliest form of malaria that exists throughout the world. Malaria deaths in sub-Saharan Africa "currently just over one million per year" are rising because of increased resistance to the old, inexpensive drugs. Although effective new drugs called "artemisinins" are available, they are unaffordable for the majority of the affected population, even at a cost of one dollar per course. *Saving Lives, Buying Time: Economics of Malaria Drugs in an Age of Resistance* examines the history of malaria treatments, provides an overview of the current drug crisis, and offers recommendations on maximizing access to and effectiveness of antimalarial drugs. The book finds that most people in endemic countries will not have access to currently effective combination treatments, which should include an artemisinin, without financing from the global community. Without funding for effective treatment, malaria mortality could double over the next 10 to 20 years and transmission will intensify.

CUTANEOUS LEISHMANIASIS: NEW INSIGHTS FOR THE HEALTHCARE PROFESSIONAL: 2013 EDITION

SCHOLARLYPAPER

ScholarlyEditions *Cutaneous Leishmaniasis: New Insights for the Healthcare Professional: 2013 Edition* is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Additional Research in a compact format. The editors have built *Cutaneous Leishmaniasis: New Insights for the Healthcare Professional: 2013 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Additional Research in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Cutaneous Leishmaniasis: New Insights for the Healthcare Professional: 2013 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

THE GLOBAL CHALLENGE OF MALARIA

PAST LESSONS AND FUTURE PROSPECTS

World Scientific Malaria is one of the most important OC emergingOCO or OC resurgentOCO infectious diseases. According to the World Health Organization, this mosquito-borne infection is a leading cause of suffering, death, poverty, and underdevelopment in the world today. Every year 500 million people become severely ill from malaria and more than a million people die, the great majority of them women and children living in sub-Saharan Africa. In 2008, it was estimated, a child would die of the disease every thirty seconds, making malaria OCo together with HIV/AIDS and tuberculosis OCo a global

public health emergency. This is in stark contrast to the heady visions of the 1950s predicting complete global eradication of the ancient scourge. What went wrong?. This question warrants a closer look at not just the disease itself, but its long history and the multitude of strategies to combat its spread. This book collects the many important milestones in malaria control and treatment in one convenient volume. Importantly, it also traces the history of the disease from the 1920s to the present, and over several continents. It is the first multidisciplinary volume of its kind combining historical and scientific information that addresses the global challenge of malaria control. Malaria remains as resurgent as ever and The Global Challenge of Malaria: Past Lessons and Future Prospects will examine this challenge OCo and the range of strategies and tools to confront it OCo from an interdisciplinary and transnational perspective. Contents: Lessons of History: Malaria in America (Margaret Humphreys); Technological Solutions: The Rockefeller Insecticidal Approach to Malaria Control, 1920Co1950 (Darwin H Stapleton); Malaria Control and Eradication Projects in Tropical Africa, 1945Co1965 (James L A Webb, Jr); The Use and Misuse of History: Lessons from Sardinia (Frank M Snowden); Popular Education and Participation in Malaria Control: A Historical Overview (Socrates Litsios); Scientific, Medical, and Public Health Perspectives: The Contribution of the Gambia to Malaria Research (Brian Greenwood); InsecticideOCOTreated Bednets and Malaria Control: Strategies, Implementation, and Outcome (Harry V Flaster, Emily Mosites, and Brian G Blackburn); The Scientific and Medical Challenge of Malaria (Tiffany Sun and Richard Bucala). Readership: Historians of medicine; research scientists; clinicians, especially in the specialties of tropical medicine and infectious diseases; public health officials; environmentalists; and students in public health and history of medicine programs; general readers interested in contemporary issues of global health."

ACCOMPLISHMENT OF MALARIA ELIMINATION IN THE PEOPLE'S REPUBLIC OF CHINA

Academic Press Advances in Parasitology serial highlights new advances in the field with this new volume presenting interesting chapters. Each chapter is written by an international board of authors. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in Advances in Parasitology serials pdated release includes the latest information on Accomplishment of Malaria Elimination in the People's Republic of China

PREVENTION AND TREATMENT OF TROPICAL DISEASES

MOLECULAR ADVANCEMENTS IN TROPICAL DISEASES DRUG DISCOVERY

Academic Press Molecular Advancements in Tropical Diseases Drug Discovery presents in-depth knowledge relating to the detection of infection, epidemiology, drugs against various tropical diseases, new target sites for drug discovery and multidrug resistance issues using bioinformatics tools and approaches. The book's chapters are written by experts in their respective fields so that each disease is covered in a rational manner and with a solid foundation on existing facts and prospective research ideas. Updates knowledge about tropical diseases with recent advancements in the field Presents an overview of new research covering detection, infection, epidemiology and risk factors of the most common tropical diseases using bioinformatics tools Encompasses a detailed description of developments in drug discovery, new drugs and their molecular mechanisms of action

INVESTING TO OVERCOME THE GLOBAL IMPACT OF NEGLECTED TROPICAL DISEASES

THIRD WHO REPORT ON NEGLECTED TROPICAL DISEASES 2015

World Health Organization This report repositions a group of 17 neglected tropical diseases on the global development agenda at a time of profound transitions in the economies of endemic countries and in thinking about the overarching objectives of development. In doing so it reinvigorates the drive to prevent control eliminate or eradicate diseases that blind maim and disfigure making life miserable for more than a billion people. Undetected and untreated several almost invariably kill. The burden of these diseases is further amplified by the fact that many require chronic and costly care underscoring the economic as well as the health benefits of preventive chemotherapy and early detection and care. The report brings a new dimension to long-term thinking about the future approach to these diseases. For the first time it sets out financing needs options and targets for meeting WHO Roadmap goals by 2020 but also for reaching universal coverage of all people in need by 2030. The report makes one investment case for cost-effectiveness and a second investment case where equity is the focus. It sets targets for ending catastrophic health expenditures and as part of the drive to strengthen health systems for getting services closer to where people live.

DISEASE AND MORTALITY IN SUB-SAHARAN AFRICA

World Bank Publications Current data and trends in morbidity and mortality for the sub-Saharan Region as presented in this new edition reflect the heavy toll that HIV/AIDS has had on health indicators, leading to either a stalling or reversal of the gains made, not just for communicable disorders, but for cancers, as well as mental and neurological disorders.

NATIONAL INSTITUTE OF PARASITIC DISEASES, CHINA

70 YEARS AND BEYOND

Academic Press National Institute of Parasitic Diseases, China: 70 Years and Beyond, Volume 110 covers the major achievements gained in the research and control of parasitic diseases in China, e.g. schistosomiasis, malaria, lymphatic filariasis, echinococcosis, visceral leishmaniasis, soil-transmitted helminthiasis, foodborne clonorchiasis, angiostrongyliasis, taeniasis and cysticercosis, etc. The book introduces approaches that can be developed with big data analytic tools, how to use surveillance-response systems at national and regional levels, and tactics to promote the national parasitic resources center to support various research and control activities. Finally, a chapter on the roadmap for parasitic diseases control in China from 2020 to 2030 is presented. Informs and updates on the controlled progress of parasitic diseases in China, with a focus on strategies, combating measures, surveillance-response systems, and multi-sectoral cooperation. Introduces advances in research achievements in the development of diagnostics, drugs, insecticides and surveillance tools. Features reviews of more traditional parasitic diseases that help to shape current thinking and applications of modern tools in research and control of diseases.

TROPICAL DISEASE RESEARCH

MALARIA

OBSTACLES AND OPPORTUNITIES

National Academies Press Malaria is making a dramatic comeback in the world. The disease is the foremost health challenge in Africa south of the Sahara, and people traveling to malarious areas are at increased risk of malaria-related sickness and death. This book examines the prospects for bringing malaria under control, with specific recommendations for U.S. policy, directions for research and program funding, and appropriate roles for federal and international agencies and the medical and public health communities. The volume reports on the current status of malaria research, prevention, and control efforts worldwide. The authors present study results and commentary on the: Nature, clinical manifestations, diagnosis, and epidemiology of malaria. Biology of the malaria parasite and its vector. Prospects for developing malaria vaccines and improved treatments. Economic, social, and behavioral factors in malaria control.

FORGOTTEN PEOPLE, FORGOTTEN DISEASES

THE NEGLECTED TROPICAL DISEASES AND THEIR IMPACT ON GLOBAL HEALTH AND DEVELOPMENT

John Wiley & Sons *Forgotten People, Forgotten Diseases* Second Edition The neglected tropical diseases (NTDs) are the most common infections of the world's poor, but few people know about these diseases and why they are so important. This second edition of *Forgotten People, Forgotten Diseases* provides an overview of the NTDs and how they devastate the poor, essentially trapping them in a vicious cycle of extreme poverty by preventing them from working or attaining their full intellectual and cognitive development. Author Peter J. Hotez highlights a new opportunity to control and perhaps eliminate these ancient scourges, through alliances between nongovernmental development organizations and private-public partnerships to create a successful environment for mass drug administration and product development activities. *Forgotten People, Forgotten Diseases* also addresses the myriad changes that have occurred in the field since the previous edition. Describes how NTDs have affected impoverished populations for centuries, changing world history. Considers the future impact of alliances between nongovernmental development organizations and private-public partnerships. *Forgotten People, Forgotten Diseases* is an essential resource for anyone seeking a roadmap to coordinate global advocacy and mobilization of resources to combat NTDs.

A CURRENT BIBLIOGRAPHY ON AFRICAN AFFAIRS

TDR RESULTS 2019 REPORT

MEASURING FOR IMPROVEMENT

World Health Organization The report shows progress made on various indicators related to three overarching categories: technical expected results, application of organizational core values and managerial performance. Ultimately, TDR's outputs and outcomes contribute to health impact, measured through the achievement of Sustainable Development Goals (SDGs) and the World Health Organization's (WHO) Thirteenth General Programme of Work (GPW13) triple billion targets. Given the adoption of the Sustainable Development Goals by the global community in 2016, TDR developed its

2018-2023 strategy to showcase the Programme's unique contribution, through research, capacity strengthening and global engagement, to improved health, quality education, enhanced partnerships and other relevant SDG targets guiding international development work over the next 15 years. The Performance Framework (including a revised set of indicators), which is aligned with TDR's 2018-2023 strategy, the GPW13 strategic objectives and SDG targets, has been in place since 2018.

ADVANCES IN MALARIA RESEARCH

John Wiley & Sons Thoroughly reviews our current understanding of malarial biology Explores the subject with insights from post-genomic technologies Looks broadly at the disease, vectors of infection, and treatment and prevention strategies A timely publication with chapters written by global researchers leaders

MALARIA

BoD - Books on Demand Each year, malaria kills almost half a million people despite the fact that it is a preventable and curable disease. Malaria has a direct correlation with economic loss due to the need for people to take time off work and the cost of hospital treatments. Undertaking decisive measures to combat malaria is necessary. This book aims to present current approaches in the treatment of malaria. It will be a guide to those working in malaria-endemic regions and cover both diagnosis and treatment. It will also be useful for medical workers in western countries where malaria is not as common. Considering that malaria causes morbidity and mortality, more especially among children below five years of age and pregnant mothers, it is therefore imperative that people from all walks of life should join hands to address this public health problem.

HUNTER'S TROPICAL MEDICINE AND EMERGING INFECTIOUS DISEASES E-BOOK

Elsevier Health Sciences New emerging diseases, new diagnostic modalities for resource-poor settings, new vaccine schedules ... all significant, recent developments in the fast-changing field of tropical medicine. Hunter's Tropical Medicine and Emerging Infectious Diseases, 10th Edition, keeps you up to date with everything from infectious diseases and environmental issues through poisoning and toxicology, animal injuries, and nutritional and micronutrient deficiencies that result from traveling to tropical or subtropical regions. This comprehensive resource provides authoritative clinical guidance, useful statistics, and chapters covering organs, skills, and services, as well as traditional pathogen-based content. You'll get a full understanding of how to recognize and treat these unique health issues, no matter how widespread or difficult to control. Includes important updates on malaria, leishmaniasis, tuberculosis and HIV, as well as coverage of Ebola, Zika virus, Chikungunya, and other emerging pathogens. Provides new vaccine schedules and information on implementation. Features five all-new chapters: Neglected Tropical Diseases: Public Health Control Programs and Mass Drug Administration; Health System and Health Care Delivery; Zika; Medical Entomology; and Vector Control - as well as 250 new images throughout. Presents the common characteristics and methods of transmission for each tropical disease, as well as the applicable diagnosis, treatment, control, and disease prevention techniques. Contains skills-based chapters such as dentistry, neonatal pediatrics and ICMI, and surgery in the tropics, and service-based chapters such as transfusion in resource-poor settings, microbiology, and imaging. Discusses maladies such as delusional parasitosis that are often seen in returning travelers, including those making international adoptions, transplant patients, medical tourists, and more.

MANSON'S TROPICAL DISEASES

Bailliere Tindall Limited This reference guide to tropical medicine contains a strong practical clinical bias, offering advice on the diagnosis and management of each particular disorder. This edition includes more information on non-infectious tropical disorders, as well as new photographs and colour pictures.

GLOBAL MAPPING OF INFECTIOUS DISEASES

METHODS, EXAMPLES AND EMERGING APPLICATIONS

Elsevier First published in 1963, Advances in Parasitology contains comprehensive and up-to-date reviews in all areas of interest in contemporary parasitology. This volume is an outline of global environmental and global population data including scripts for predicting disease distributions and evaluating the accuracy of these mapped products. Several application chapters discuss current research topics appropriately addressed at the global scale. Topics such as tick-borne disease and the mapping of geographic and phylogenetic space; implications of global ecozonation and transportation networks on pathogen flow; and the impacts of climate change on vector-borne diseases are covered in this latest volume. * Includes DVD of global environmental and global population data, including scripts for predicting disease distributions and evaluating the accuracy of these mapped products * Valuable source of both technical and epidemiological data in this rapidly growing field * Discusses practical applications of techniques to the study of parasitic and infectious diseases

TROPICAL DISEASES

PROGRESS IN INTERNATIONAL RESEARCH, 1987-1988

PROCEEDINGS OF 6TH EURO-GLOBAL CONFERENCE ON INFECTIOUS DISEASES 2017

JOURNAL OF INFECTIOUS DISEASES & THERAPY : VOLUME 5

ConferenceSeries September 07-09, 2017 Paris, France Key Topics : Viral Infectious Diseases, Bacterial Infectious Diseases, Ebola Outbreak and Approaches for Prevention, Fungal Infectious Diseases, New Antiviral, Antibacterial and Antifungal Agents, Market Trends Of Infectious Diseases, Parasitic Diseases, Bacterial Susceptibility & Resistance, Nosocomial Infections, Detection and preventing infections in healthcare, Public health practice, Vaccines, Respiratory Diseases, Infectious Agents and the Human Immune Response, Infectious Diseases: Worms, Prions, and Fungi, Protozoal Diseases, Clinical Infectious Disease, Infectious Disease Epidemiology, Emerging Infectious Diseases, Laboratory Diagnosis of Infectious Diseases, Infectious Diseases of Humans, Infectious Diseases and Pathology, Microbiology and Infectious Diseases, Infectious Diseases of Livestock, Infectious Diseases of the Female Genital Tract, Molecular Diagnostics of Infectious Diseases, Pediatric Infectious Diseases, Bacterial Genomes and Infectious Diseases;, Drug Interactions in Infectious Diseases, Infectious Diseases in Children, Medical Pioneers in Infectious Diseases, Infectious Diseases and Tropical Medicine, Infectious Diseases in Critical Care Medicine, Infectious Diseases and Arthropods, Preventing Infectious Diseases, Feline Infectious Diseases, Tropical Infectious Diseases, Infectious Diseases in America, Infectious Diseases in Europe, Infectious Diseases in UK, Infectious Diseases in Asia, Infectious Diseases in Africa, Sexually transmitted Diseases and infection,

ROLLING BACK MALARIA

THE WORLD BANK GLOBAL STRATEGY & BOOSTER PROGRAM

World Bank Publications There are more than 1.1 million deaths per year from malaria, mostly among children less than five years old. The disease is preventable and curable with available technologies, but , in the absence of strong and sustained malaria control efforts, coverage with effective interventions is low, particularly among the poor. Malaria impairs economic growth and human development in many of the World Bank's client countries, particularly in Sub-Saharan Africa. The Bank has the capacity to do a lot more than it has in malaria control, including financing, policy advice, and implementation support. It will support countries to develop and implement programs to (i) cost-effectively reduce morbidity, productivity losses in multiple sectors, and mortality due to malaria, particularly among the poor and among children and pregnant women; and (ii) address the challenges of regional and global public goods.

QUALITY AND RELEVANCE OF RESEARCH AND RELATED ACTIVITIES AT THE GORGAS MEMORIAL LABORATORY

COMMUNICABLE DISEASES, 6TH EDITION

A GLOBAL PERSPECTIVE

CABI Completely updated and revised, and now published in its 6th edition, this book includes 20 chapters providing an essential overview of infectious diseases for almost 25 years. A comprehensive yet synoptic account of infectious diseases, it covers theory, epidemiology and control, then systematically groups diseases by their main means of transmission. There are special chapters on infections in pregnancy and the concern of new and emerging diseases, and an annex lists all 353 diseases in an easy reference table. This edition includes updates to all chapters and a new section on melioidosis. It provides information concisely so it can be found at a glance, includes numerous clear diagrams, bullet points and tables for rapid review and learning, and contains a new full-colour internal design and online lecture slides to facilitate teaching. This book is an essential resource for physicians, medical students and all those in public health, and for healthcare workers needing a comprehensive yet concise practical text.

RESEARCH PRIORITIES FOR THE ENVIRONMENT, AGRICULTURE AND INFECTIOUS DISEASES OF POVERTY

TECHNICAL REPORT OF THE TDR THEMATIC REFERENCE GROUP ON ENVIRONMENT, AGRICULTURE AND INFECTIOUS DISEASES OF POVERTY

WHO Technical Report The Thematic Reference Group on Environment, Agriculture and Infectious Diseases of Poverty (TRG 4) addresses the nature of the intersections and interactions between

environment, agriculture and infectious diseases of poverty in order to identify research priorities for improved disease control. This report reviews the connections between environmental change, modern agricultural practices and the occurrence of infectious diseases--especially those of poverty--and proposes a methodology that can be used to prioritize research on such diseases. Although there is some comprehension of the underlying and growing systemic influence of today's large-scale social and environmental changes on some infectious diseases, the significance and potential future impacts of these changes are poorly understood. Nevertheless, such changes now constitute a significant influence on the working of the Earth's systems that will have increasing consequences for patterns of occurrence of infectious diseases. Many of these changes are illustrated in this report. A common theme of this report is bidirectional causation, effectively "trapping" complex, linked eco-social systems in stable states that are resistant to intervention. For example, poverty is associated with ill health, low education and often with poor diets, either because of under-nutrition (and diarrhoea) or intakes that have excessive calories but insufficient micronutrients. In either case, poverty impairs health; and ill health impairs the escape from poverty. Another example is provided by a recent abundant agricultural harvest in India that has far exceeded storage capacity. A substantial fraction of this harvest will be wasted due to inadequate storage. Some grain that is badly stored will be contaminated by aflatoxins and other fungi, which increases the risk of cancer. This report presents the case for a more integrated approach across sectors, research disciplines and diseases, taking greater account of the increasingly widespread and systemic influences on disease emergence and spread.

TROPICAL DISEASE RESEARCH

TDR.

VECTOR-BORNE DISEASES

UNDERSTANDING THE ENVIRONMENTAL, HUMAN HEALTH, AND ECOLOGICAL CONNECTIONS: WORKSHOP SUMMARY

National Academies Press Vector-borne infectious diseases, such as malaria, dengue fever, yellow fever, and plague, cause a significant fraction of the global infectious disease burden; indeed, nearly half of the world's population is infected with at least one type of vector-borne pathogen (CIESIN, 2007; WHO, 2004a). Vector-borne plant and animal diseases, including several newly recognized pathogens, reduce agricultural productivity and disrupt ecosystems throughout the world. These diseases profoundly restrict socioeconomic status and development in countries with the highest rates of infection, many of which are located in the tropics and subtropics. Although this workshop summary provides an account of the individual presentations, it also reflects an important aspect of the Forum philosophy. The workshop functions as a dialogue among representatives from different sectors and allows them to present their beliefs about which areas may merit further attention. These proceedings summarize only the statements of participants in the workshop and are not intended to be an exhaustive exploration of the subject matter or a representation of consensus evaluation. Vector-Borne Diseases : Understanding the Environmental, Human Health, and Ecological Connections, Workshop Summary (Forum on Microbial Threats) summarizes this workshop.

PROCEEDINGS OF 5TH INTERNATIONAL CONGRESS ON INFECTIOUS DISEASES 2018

JOURNAL OF OF INFECTIOUS DISEASES AND THERAPY : VOLUME 6

ConferenceSeries March 1-2, 2018 Berlin, Germany Key Topics : , Infection and Immune System, Host and Microbial Genetics, Food & Water Borne Infectious diseases, Microbes and Infections, Host and Pathogen Interactions, Pediatric Infectious Diseases, Infections Pathogen Biology, Hemorrhagic Fevers, Inflammatory Infectious Diseases, Vector borne Infectious diseases, Zoonotic Infectious Diseases, Neglected & Tropical Infectious diseases, Rare Infectious diseases, Infection prevention & Control, Airborne & Contact Infectious Diseases, Epidemiology - Infectious Diseases, Laboratory Diagnosis - Infectious diseases, Health Care - Infectious Diseases.

GLOBAL BURDEN AND CHALLENGES OF MELIOIDOSIS

MDPI This book is the definitive reference regarding the global status of melioidosis in 2018. Melioidosis is one of the most neglected tropical diseases (NTDs), so much so that it is not even included in the WHO list of NTDs. Yet modeling suggests that it kills more people worldwide every year than diseases that are much better known, such as leptospirosis and dengue. The reasons for this under-recognition are numerous, including the fact that it mainly affects the disadvantaged rural poor in areas that are poorly supplied with the diagnostic capability to make the diagnosis. In 22 separate articles, expert authors from around the world have summarized what is known about the burden of the disease in humans and animals and the presence of the causative bacterium in the environment in their countries or regions. They have also identified the main obstacles and challenges to establishing the true burden, and to ensure that patients receive accurate diagnosis and optimal care for this all too frequently fatal disease. Rather than focusing on the theoretical risk of the use of *Burkholderia pseudomallei* as a biological weapon, this book highlights its importance as a clear and present danger to global public

health.

TROPICAL MEDICINE

AN ILLUSTRATED HISTORY OF THE PIONEERS

Elsevier This superbly illustrated work provides short accounts of the lives and scientific contributions of all of the major pioneers of Tropical Medicine. Largely biographical, the stories discussed enlighten a new generation of scientists to the advances made by their predecessors. Written by Gordon Cook, contributor to the hugely popular Manson's Tropical Diseases, this report discusses the pioneers themselves and offers a global accounting of their experiences at the onset of the discipline.

MALARIA

WAITING FOR THE VACCINE

John Wiley & Sons Malaria Waiting for the Vaccine Edited by G.A.T. Targett, London School of Hygiene and Tropical Medicine Malaria affects enormous populations in tropical and sub-tropical areas of the world. In global terms, the situation is worsening as the impact of parasite and mosquito vector adaptations to drugs and insecticides exacerbates weaknesses in control programmes already under great strain for socio-economic reasons. This book, the first in a series of annual public health from the London School of Hygiene and Tropical Medicine, brings together expertise in all of the disciplines that impinge on current control efforts and that are essential for the development of new and improved measures. The ten sections provide a balance between the different approaches to public health management of malaria, those concerned with the individual who is infected, and control at community level. Clinical control emphasizes management of severe disease and the impact of drug resistance. Community public health measures consider all aspects of vector control, use and supply of drugs in endemic regions, and the organization and economics of control. For the future, the current status of vaccine development and the conduct of field trials are assessed. Detailed discussions amongst experts in each field lead to a series of recommendations designed to assist those currently engaged in control and management of the disease, to indicate priorities for future research, and above all to provide an agenda for national and international discussion on future strategies for combating the disease. The book will also appeal to epidemiologists, research scientists and clinicians as it sets their research and responsibilities in a much wider context than normal. In a similar way it will be invaluable for postgraduate teaching.

TOWARDS MALARIA ELIMINATION

A LEAP FORWARD

BoD - Books on Demand Towards Malaria Elimination - A Leap Forward was started to mark the occasion for renewed commitment to end malaria transmission for good (the WHO's call for "Malaria Free World" by 2030). This book is dedicated for the benefit of researchers, scientists, program and policy managers, students and anyone interested in malaria and other mosquito-borne diseases with the goal of sharing recent information on success stories, innovative control approaches and challenges in different regions of the world. Some main issues that emerged included multidrug-resistant malaria and pandemic risk, vaccines, cross-border malaria, asymptomatic parasite reservoir, the threat of *Plasmodium vivax* and *Plasmodium knowlesi*, insecticide resistance in *Anopheles* vectors and outdoor malaria transmission. This book is one little step forward to bring together in 17 chapters the experiences of malaria-expert researchers from five continents to present updated information on disease epidemiology and control at the national/regional level, highlighting the constraints, challenges, accomplishments and prospects of malaria elimination.

GLOBAL BURDEN OF DISEASE AND RISK FACTORS

World Bank Publications Strategic health planning, the cornerstone of initiatives designed to achieve health improvement goals around the world, requires an understanding of the comparative burden of diseases and injuries, their corresponding risk factors and the likely effects of intervention options. The Global Burden of Disease framework, originally published in 1990, has been widely adopted as the preferred method for health accounting and has become the standard to guide the setting of health research priorities. This publication sets out an updated assessment of the situation, with an analysis of trends observed since 1990 and a chapter on the sensitivity of GBD estimates to various sources of uncertainty in methods and data.

SKIN-RELATED NEGLECTED TROPICAL DISEASES (SKIN-NTDS): A NEW CHALLENGE

MDPI This book is a printed edition of the Special Issue Skin-Related Neglected Tropical Diseases (Skin-NTDs)—A New Challenge that was published in TropicalMed

DISEASE IN THE HISTORY OF MODERN LATIN AMERICA

FROM MALARIA TO AIDS

Duke University Press Challenging traditional approaches to medical history, *Disease in the History of Modern Latin America* advances understandings of disease as a social and cultural construction in Latin America. This innovative collection provides a vivid look at the latest research in the cultural history of medicine through insightful essays about how disease—whether it be cholera or aids, leprosy or mental illness—was experienced and managed in different Latin American countries and regions, at different times from the late nineteenth century to the present. Based on the idea that the meanings of sickness—and health—are contestable and subject to controversy, *Disease in the History of Modern Latin America* displays the richness of an interdisciplinary approach to social and cultural history. Examining diseases in Mexico, Brazil, Argentina, Colombia, Peru, and Bolivia, the contributors explore the production of scientific knowledge, literary metaphors for illness, domestic public health efforts, and initiatives shaped by the agendas of international agencies. They also analyze the connections between ideas of sexuality, disease, nation, and modernity; the instrumental role of certain illnesses in state-building processes; welfare efforts sponsored by the state and led by the medical professions; and the boundaries between individual and state responsibilities regarding sickness and health. Diego Armus's introduction contextualizes the essays within the history of medicine, the history of public health, and the sociocultural history of disease. Contributors: Diego Armus, Anne-Emanuelle Birn, Kathleen Elaine Bliss, Ann S. Blum, Marilia Coutinho, Marcus Cueto, Patrick Larvie, Gabriela Nouzeilles, Diana Obregón, Nancy Lays Stepan, Ann Zulawski