

Coffee House Notes On Virology

An assessment of cancer addresses both the courageous battles against the disease and the misperceptions and hubris that have compromised modern understandings, providing coverage of such topics as ancient-world surgeries and the development of present-day treatments. Reprint. Best-selling winner of the Pulitzer Prize. Includes reading-group guide.

Offering philosophical insights into the popular morning brew, *Coffee -- Philosophy for Everyone* kick starts the day with an entertaining but critical discussion of the ethics, aesthetics, metaphysics, and culture of coffee. Matt Lounsbury of pioneering business Stumptown Coffee discusses just how good coffee can be. Caffeine-related chapters cover the ethics of the coffee trade, the metaphysics of coffee and the centrality of the coffee house to the public sphere. Includes a foreword by Donald Schoenholt, President at Gillies Coffee Company. A world list of books in the English language.

From USA Today Bestselling Author, P.D. Workman! Something just doesn't add up. Assistant Medical Examiner Kenzie Kirsch thinks that the deaths from Champlain House are linked by more than place. If she is right in her theory, the nursing homes, emergency rooms and the morgue are all going to be overwhelmed. Only she can't get anyone to listen to her. The suggestion of a public health hazard may cause widespread panic, and it is a really bad time politically to be spreading gossip about an unknown contagion. The CDC needs proof. And Kenzie Kirsch needs to be silenced. One way or another. ?????????? Every book by PD Workman that I've read has been a gripping one, however different the genres are, going from lighter mysteries to really dark ones... this is one of my favourite, most dependable authors. If you are a reader of the Zachary Goldman Mysteries series, you have already met Kenzie Kirsch. This series is a spinoff from Zachary Goldman Mysteries, giving Kenzie a front-and-center position in solving medical mysteries. Looking for a strong female lead in an engaging medical mystery? Award-winning and USA Today Bestselling Author P.D. Workman brings you an up-and-coming Medical Examiner's Assistant who is right up your alley. Join Dr. Kenzie Kirsch as she uncovers mysteries, conspiracies, and thrills!

Das Verfassen wissenschaftlicher Arbeiten in englischer Sprache ist heute in vielen Studienrichtungen unerlässlich. Gleichzeitig stellt es für Studierende meist eine große Herausforderung dar. Dieses Buch leitet zur richtigen Arbeitsweise und zum korrekten Sprachgebrauch an und schließt damit eine Lücke in der einschlägigen Literatur. Anhand zahlreicher Beispiele werden sowohl gelungene Texte analysiert als auch typische Fehler deutschsprachiger Studierender korrigiert. Success in science depends nowadays on effective communication in English.

This workbook is specifically designed to give under- and post-graduates confidence in writing scientific English. Examples and exercises show how to avoid common errors and how to rephrase and improve scientific texts. The generation of a model manuscript enables the reader to recognise how scientific English is constructed and how to follow the conventions of scientific writing. Guidelines for structuring written work and vocabulary lists will encourage young scientists to develop a concise and mature style. The workbook is accessible to students of many fields, including those of the natural and technical sciences, medicine, psychology and economics.

Thanks to breakthroughs in production and food science, agribusiness has been able to devise new ways to grow more food and get it more places more quickly. There is no shortage of news items on hundreds of thousands of hybrid poultry – each animal genetically identical to the next – packed together in megabarns, grown out in a matter of months, then slaughtered, processed and shipped to the other side of the globe. Less well known are the deadly pathogens mutating in, and emerging out of, these specialized agro-environments. In fact, many of the most dangerous new diseases in humans can be traced back to such food systems, among them *Campylobacter*, Nipah virus, Q fever, hepatitis E, and a variety of novel influenza variants. Agribusiness has known for decades that packing thousands of birds or livestock together results in a monoculture that selects for such disease. But market economics doesn't punish the companies for growing Big Flu – it punishes animals, the environment, consumers, and contract farmers. Alongside growing profits, diseases are permitted to emerge, evolve, and spread with little check. "That is," writes evolutionary biologist Rob Wallace, "it pays to produce a pathogen that could kill a billion people." In *Big Farms Make Big Flu*, a collection of dispatches by turns harrowing and thought-provoking, Wallace tracks the ways influenza and other pathogens emerge from an agriculture controlled by multinational corporations. Wallace details, with a precise and radical wit, the latest in the science of agricultural epidemiology, while at the same time juxtaposing ghastly phenomena such as attempts at producing featherless chickens, microbial time travel, and neoliberal Ebola. Wallace also offers sensible alternatives to lethal agribusiness. Some, such as farming cooperatives, integrated pathogen management, and mixed crop-livestock systems, are already in practice off the agribusiness grid. While many books cover facets of food or outbreaks, Wallace's collection appears the first to explore infectious disease, agriculture, economics and the nature of science together. *Big Farms Make Big Flu* integrates the political economies of disease and science to derive a new understanding of the evolution of infections. Highly capitalized agriculture may be farming pathogens as much as chickens or corn.

"The End of Men is a fiercely intelligent page-turner, an eerily prescient novel, at once thoughtful and highly emotive." --Paula Hawkins, #1 internationally bestselling author of *The Girl on the Train* Set in a world where a virus stalks our male population, *The End of Men* is an electrifying and unforgettable debut from a remarkable new talent that asks: what would our world truly look like without men? Only men carry the virus. Only women can save us all. The year is 2025, and a mysterious virus has broken out in Scotland--a lethal illness that seems to affect only men. When Dr. Amanda MacLean reports this phenomenon, she is dismissed as hysterical. By the time her warning is heeded, it is too late. The virus becomes a global pandemic--and a political one. The victims are all men. The world becomes alien--a women's world. What follows is the immersive account of the women who have been left to deal with the virus's consequences, told through first-person narratives. Dr. MacLean; Catherine, a social historian determined to document the human stories behind the "male plague"; intelligence analyst Dawn, tasked with helping the government forge a new society; and Elizabeth, one of many scientists desperately working to develop a vaccine. Through these women and others, we see the uncountable ways the absence of men has changed society, from the personal--the loss of husbands and sons--to the political--the changes in the workforce, fertility, and the meaning of family. In *The End of Men*, Christina Sweeney-Baird turns the unimaginable into the unforgettable.

Essential Human Virology is written for the undergraduate level with case studies integrated into each chapter. The structure and classification of viruses will be covered, as well as virus transmission and virus replication strategies based upon type of viral nucleic acid. Several chapters will focus on notable and recognizable viruses and the diseases caused by them, including influenza, HIV, hepatitis viruses, poliovirus, herpesviruses, and emerging and dangerous viruses. Additionally, how viruses cause disease, or pathogenesis, will be highlighted during the discussion of each virus family, and a chapter on the immune response to viruses will be included. Further, research laboratory assays and viral diagnosis assays will be discussed, as will vaccines, anti-viral drugs, gene therapy, and the beneficial uses of viruses. By focusing on general virology principles, current and future technologies, familiar human viruses, and the effects of these viruses on humans, this textbook will provide a solid foundation in virology while keeping the interest of undergraduate students. Focuses on the human diseases and cellular pathology that viruses cause Highlights current and cutting-edge technology and associated issues Presents real case studies and current news highlights in each chapter Features dynamic illustrations, chapter assessment questions, key terms, and summary of concepts, as well as an instructor website with lecture slides, test bank, and recommended activities

In 1918, the Italian-Americans of New York, the Yupik of Alaska and the Persians of Mashed had almost nothing in common except for a virus--one that triggered the worst pandemic of modern times and had a decisive effect on the history of the twentieth century. The Spanish flu of 1918-1920 was one of the greatest human disasters of all time. It infected a third of the people on Earth--from the poorest immigrants of New York City to the king of Spain, Franz Kafka, Mahatma Gandhi and Woodrow Wilson. But despite a death toll of between 50 and 100

million people, it exists in our memory as an afterthought to World War I. In this gripping narrative history, Laura Spinney traces the overlooked pandemic to reveal how the virus travelled across the globe, exposing mankind's vulnerability and putting our ingenuity to the test. As socially significant as both world wars, the Spanish flu dramatically disrupted--and often permanently altered--global politics, race relations and family structures, while spurring innovation in medicine, religion and the arts. It was partly responsible, Spinney argues, for pushing India to independence, South Africa to apartheid and Switzerland to the brink of civil war. It also created the true "lost generation." Drawing on the latest research in history, virology, epidemiology, psychology and economics, *Pale Rider* masterfully recounts the little-known catastrophe that forever changed humanity.

NEW YORK TIMES BESTSELLER • An urgent wake-up call about the future of emerging viruses and a gripping account of the doctors and scientists fighting to protect us, told through the story of the deadly 2013–2014 Ebola epidemic “Crisis in the Red Zone reads like a thriller. That the story it tells is all true makes it all more terrifying.”—Elizabeth Kolbert, Pulitzer Prize–winning author of *The Sixth Extinction* From the #1 bestselling author of *The Hot Zone*, now a National Geographic original miniseries . . . This time, Ebola started with a two-year-old child who likely had contact with a wild creature and whose entire family quickly fell ill and died. The ensuing global drama activated health professionals in North America, Europe, and Africa in a desperate race against time to contain the viral wildfire. By the end—as the virus mutated into its deadliest form, and spread farther and faster than ever before—30,000 people would be infected, and the dead would be spread across eight countries on three continents. In this taut and suspenseful medical drama, Richard Preston deeply chronicles the pandemic, in which we saw for the first time the specter of Ebola jumping continents, crossing the Atlantic, and infecting people in America. Rich in characters and conflict—physical, emotional, and ethical—*Crisis in the Red Zone* is an immersion in one of the great public health calamities of our time. Preston writes of doctors and nurses in the field putting their own lives on the line, of government bureaucrats and NGO administrators moving, often fitfully, to try to contain the outbreak, and of pharmaceutical companies racing to develop drugs to combat the virus. He also explores the charged ethical dilemma over who should and did receive the rare doses of an experimental treatment when they became available at the peak of the disaster. *Crisis in the Red Zone* makes clear that the outbreak of 2013–2014 is a harbinger of further, more severe outbreaks, and of emerging viruses heretofore unimagined—in any country, on any continent. In our ever more interconnected world, with roads and towns cut deep into the jungles of equatorial Africa, viruses both familiar and undiscovered are being unleashed into more densely populated areas than ever before. The more we discover about the virosphere, the more we realize its deadly potential. *Crisis in the Red Zone* is an exquisitely timely book, a stark warning of viral outbreaks to come.

Designed for students learning about viruses for the first time at the undergraduate or graduate level, *Fundamentals of Molecular Virology* is presented in a style which relates to today's students and professors. This book is also a valuable, up-to-date source of information for graduate students, postdoctoral fellows and research scientists working with viruses. Chapters contributed by prominent virologists were edited to conform to a clear and accessible style. The text provides a thorough presentation of basic and contemporary concepts in virology for a student's first exposure to the field.

The book is a compilation of research work carried out on plant viruses during past 100 years in India. Plant viruses are important constraints in Indian agriculture. Tropical and sub-tropical environments and intensive crop cultivation practices ideally favours perpetuation of numerous plant viruses and their vectors in India, which often cause wide spread crop losses. Of all the plant pathogens, studies of plant viruses have received a special attention as they are difficult to manage. A large body of literature has been published on the plant virus research from India during past 100 years; however the information is so far not available in one place. This book provides comprehensive information on the biology, molecular biology, epidemics, crop losses, diagnosis and management of viruses and viroids occurring in India. Description of properties of the viruses are provided in the chapters comprising of different genera such as Alexivirus, Begomovirus, Babuvirus, Badnavirus, Carlavirus, Carmovirus, Cucumovirus, Closterovirus, Ilavirus, Mandrivirus, Potyvirus, Tospovirus, Tungrovirus and Sobemovirus. Virus-vector research related to aphid, thrips and whitefly is discussed. The work on the management aspects of plant viral diseases has been described with reference to the conventional, antiviral and transgenic approaches. Further, the quarantine mechanism developed in India for the exclusion of viruses and vectors has also been included. The book also provides useful information about the capacity building on the research and education on Plant Virology in India. Overall, the book covers a wide range of accounts of research findings and innovations in Plant Virology in India during past 100 years. The book will be a resourceful reference to the students, scientists, agricultural professionals and policy makers.

In 1998, after thirteen years of providing investment advice for Smith Barney, Bill Schultheis wrote a simple book for people who felt overwhelmed by the stock market. He had discovered that when you simplify your investment decisions, you end up getting better returns. As a bonus, you gain more time for family, friends, and other pursuits. The *Coffeehouse Investor* explains why we should stop thinking about top-rated stocks and mutual funds, shifts in interest rates, and predictions for the economy. Stop trying to beat the stock market average, which few “experts” ever do. Instead, just remember three simple principles: Don't put all your eggs in one basket. There's no such thing as a free lunch. And save for a rainy day. By focusing more on your passions and creativity and less on the daily ups and downs, you will actually build more wealth—and improve the quality of your life at the same time.

National Bestseller “One of those rare nonfiction books that transcends the genre. ... Extraordinary.” —Douglas Preston, New York Times bestselling author of *The Lost City of the Monkey God* A grand tour of the human immune system and the secrets of health, by the Pulitzer Prize–winning New York Times journalist A terminal cancer patient rises from the grave. A medical marvel defies HIV. Two women with autoimmunity discover their own bodies have turned against them. Matt Richtel's *An Elegant Defense* uniquely entwines these intimate stories with science's centuries-long quest to unlock the mysteries of sickness and health, and illuminates the immune system as never before. The immune system is our body's essential defense network, a guardian vigilantly fighting illness, healing wounds, maintaining order and balance, and keeping us alive. Its legion of microscopic foot soldiers—from T cells to “natural killers”—patrols our body, linked by a nearly instantaneous communications grid. It has been honed by evolution over millennia to face an almost infinite array of threats. For all its astonishing complexity, however, the immune system can be easily compromised by fatigue, stress, toxins, advanced age, and poor nutrition—hallmarks of modern life—and even by excessive hygiene. Paradoxically, it is a fragile wonder weapon that can turn on our own bodies with startling results, leading today to epidemic levels of autoimmune disorders. Richtel effortlessly guides readers on a scientific detective tale winding from the Black Plague to twentieth-century breakthroughs in vaccination and antibiotics, to the cutting-edge laboratories that are revolutionizing immunology—perhaps the most extraordinary and consequential medical story of our time. The foundation that Richtel builds makes accessible revelations about cancer immunotherapy, the microbiome, and autoimmune treatments that are changing millions of lives. *An Elegant Defense* also captures in vivid detail how these powerful therapies, along with our

behavior and environment, interact with the immune system, often for the good but always on a razor's edge that can throw this remarkable system out of balance. Drawing on his groundbreaking reporting for the New York Times and based on extensive new interviews with dozens of world-renowned scientists, Matt Richtel has produced a landmark book, equally an investigation into the deepest riddles of survival and a profoundly human tale that is movingly brought to life through the eyes of his four main characters, each of whom illuminates an essential facet of our "elegant defense." THE INTERNATIONAL, NEW YORK TIMES AND SUNDAY TIMES BESTSELLER, WITH OVER A MILLION COPIES SOLD WORLDWIDE Guaranteed to bring warmth and comfort into your life, The Little Book of Hygge is the book we all need. Denmark has an international reputation for being one of the happiest nations in the world, and hygge is widely recognised to be the magic ingredient. Hooga? Hhyooguh? Heurgh? It is not really important how you pronounce or even spell it. What is important is that you feel it. Whether you're cuddled up on a sofa with a loved one, or sharing comfort food with your closest friends, hygge is about creating an atmosphere where we can let your guard down. The definitive, must-read introduction to Hygge, written by Meik Wiking, CEO of the Happiness Research Institute, this book is packed full of original research, recipes and ideas to help you add a touch of hygge to your life. 'The best qualified author . . . cosy and engaging' Sunday Express 'Infectiously positive . . . the best beginner's guide' Mail on Sunday 'This book explains everything you need to know about the Danish art of living well' Metro

Includes Part 1, Number 1 & 2: Books and Pamphlets, Including Serials and Contributions to Periodicals (January - December)

Walter is a scientist who has been tragically stripped of the most meaningful people in his life, yet he cannot allow himself to believe that the human mind—the human soul—is forever lost in death, as some would have it. His mind equally buckles at the thought of eternal torment, and in his search for truth, he discovers something unexpected. Walter's almost-limitless imagination propels him far beyond mere science or religion. He argues like a scientist. He clearly understands religion's deeper meanings, yet his solution to this age-old conflict is ultimately very simple and very clear. He has learned how to forgive, trust, love, and then move on in hope. The rewards, he finds, are infinite.

Never count calories, fat grams, or food portions again! Say good-bye to low energy, poor digestion, extra pounds, aches and pains, and disease. Say hello to renewed vigor, mental clarity, better overall health, and a lean, trim body. The key? Your health depends on the pH balance of its blood, striking the optimum 80/20 balance between an alkaline and acidic environment provided by eating certain foods. Now an innovative, proven effective diet program can work with your body chemistry and help revitalize and maintain your health. Rediscover the secrets of: * Breakfast, the low-carb, high-fiber meal that will be the biggest change you'll make; * The cleanse--a liquid detox to reduce your body's impurities and normalize digestion and metabolism; *Ridding your body of harmful bacteria, yeast, and molds; *Alkaline foods--tomatoes, avocados, and green vegetables-and how to mix them with mildly acidic foods like fish, grains, and certain fruits to create tempting and delicious meals; *Supplements--how to select, shop, and calculate the right dosage for you; *Water, the all-important drink-how to make sure yours is safe, pure, and plentiful. Learn how to balance your live and diet with the incredible health benefits of this revolutionary program... The pH Miracle.

The textbook was compiled in accordance with officially approved teaching programs for microbiology, virology and immunology in all faculties of higher medical schools. Questions of general microbiology (basic methods of studying microorganisms, morphology, structure and classification of bacteria, their physiology, the influence of physical, chemical and biological factors on microorganisms, microbial genetics and biotechnology, antimicrobials and the concept of infection) and special microbiology (morphology, physiology, pathogenic properties of pathogens of many infectious diseases, modern methods of their diagnostics, specific prevention and therapy). The textbook also contains sections on virology, protozoology, mycology and helminthology, which examine the basic biological properties of the causative agents and the diseases they cause. A significant part of the textbook is devoted to questions of immunology (nonspecific resistance of the organism, the doctrine of antigens, the immune system of the body, immune response, immunity reactions, allergy and other types of immune responses, immunodiagnostics and immunocorrection, immunoprophylaxis and immunotherapy). The textbook contains sections on clinical and sanitary microbiology, examines the ecology of microorganisms, the normal microbiota of the human body and the effect of microorganisms on the fetus. Separate sections are devoted to the microbiota of the oral cavity and microbiological research in stomatological and pharmaceutical fields. The textbook is intended for students of medical universities, relevant departments of higher education of doctors, interns and microbiologists of all specialties.

Pathogens transmitted among humans, animals, or plants by insects and arthropod vectors have been responsible for significant morbidity and mortality throughout recorded history. Such vector-borne diseases " including malaria, dengue, yellow fever, and plague " together accounted for more human disease and death in the 17th through early 20th centuries than all other causes combined. Over the past three decades, previously controlled vector-borne diseases have resurged or reemerged in new geographic locations, and several newly identified pathogens and vectors have triggered disease outbreaks in plants and animals, including humans. Domestic and international capabilities to detect, identify, and effectively respond to vector-borne diseases are limited. Few vaccines have been developed against vector-borne pathogens. At the same time, drug resistance has developed in vector-borne pathogens while their vectors are increasingly resistant to insecticide controls. Furthermore, the ranks of scientists trained to conduct research in key fields including medical entomology, vector ecology, and tropical medicine have dwindled, threatening prospects for addressing vector-borne diseases now and in the future. In June 2007, as these circumstances became alarmingly apparent, the Forum on Microbial Threats hosted a workshop to explore the dynamic relationships among host, pathogen(s), vector(s), and ecosystems that characterize vector-borne diseases. Revisiting this topic in September 2014, the Forum organized a workshop to examine trends and patterns in the incidence and prevalence of vector-borne diseases in an increasingly interconnected and ecologically disturbed world, as well as recent developments to meet these dynamic threats. Participants examined the emergence and global movement of vector-borne diseases, research priorities for understanding their biology and ecology, and global preparedness for and progress toward their prevention, control, and mitigation. This report summarizes the presentations and discussions from the workshop.

A history of the elite medical corps at the forefront of the world's most dangerous epidemics cites their victories over such diseases as polio, cholera and smallpox, tracing their international expansion and present-day battles against such health risks as smoking, obesity and gun violence.

#1 NEW YORK TIMES BESTSELLER • “The story of modern medicine and bioethics—and, indeed, race relations—is refracted beautifully, and movingly.”—Entertainment Weekly NOW A MAJOR MOTION PICTURE FROM HBO® STARRING OPRAH WINFREY AND ROSE BYRNE • ONE OF THE “MOST INFLUENTIAL” (CNN), “DEFINING” (LITHUB), AND “BEST” (THE PHILADELPHIA INQUIRER) BOOKS OF THE DECADE • ONE OF ESSENCE'S 50 MOST IMPACTFUL BLACK BOOKS OF THE PAST 50 YEARS • WINNER OF THE CHICAGO TRIBUNE HEARTLAND PRIZE FOR NONFICTION NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Entertainment Weekly • O: The Oprah Magazine • NPR • Financial Times • New York • Independent (U.K.) • Times (U.K.) • Publishers Weekly • Library Journal • Kirkus Reviews • Booklist • Globe and Mail Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first “immortal” human cells grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb’s effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta Lacks remains virtually unknown, buried in an unmarked grave. Henrietta’s family did not learn of her “immortality” until more than twenty years after her death, when scientists investigating HeLa began using her husband and children in research without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives of the Lacks family—especially Henrietta’s daughter Deborah. Deborah was consumed with questions: Had scientists cloned her mother? Had they killed her to harvest her cells? And if her mother was so important to medicine, why couldn’t her children afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, *The Immortal Life of Henrietta Lacks* captures the beauty and drama of scientific discovery, as well as its human consequences.

Coffee House Notes on Virology Writing Scientific English A Workbook UTB GmbH

PRAISE FOR THE COFFEEHOUSE INVESTOR'S GROUND RULES "Bill Schultheis approaches financial matters with so much wisdom and heart. His valuable message? Save, plan, and keep it simple, then get on with what really matters to you. This small-but-mighty volume is the perfect gift for loved ones looking to find their financial footing—and enrich their lives over their next coffee break." —CHRISTINE BENZ, Director of Personal Finance, Morningstar, Inc. "Bill Schultheis has given readers something new: a book about index investing for people who like words and stories more than numbers and tables. Don't miss his 'Outfox the Box' illustration. It makes the case for index investing in two pictures. Along the way, he turns index investing into an easy-going philosophy of life." —SCOTT BURNS, creator, Couch Potato Investing; Personal Finance Columnist "The Coffeehouse Investor's Ground Rules is a worthy addition to Bill Schultheis' first Coffeehouse Investor book. This latest book, written during a world-wide pandemic, proves the timeless wisdom of Coffeehouse investing in all type of markets. Unlike most investment books targeted only at making money, Bill shows us how to use our wealth to also achieve personal happiness." —TAYLOR LARIMORE, author, *The Bogleheads' Guide to the Three-Fund Portfolio* "The Coffeehouse Investor's Ground Rules will entertain and inspire you to take control of your financial destiny." —PETER LAZAROFF, author, *Making Money Simple: The Complete Guide to Getting Your Financial House in Order and Keeping It That Way Forever* "Bill Schultheis' *The Coffeehouse Investor's Ground Rules* book is both delightful and profound. You will delight in Bill's many stories, and you will learn profound lessons. Save, invest, plan, and always remember that wealth is only a waystation to happiness." —MEIR STATMAN, Glenn Klimek Professor of Finance, Leavy School of Business, Santa Clara University

This publication is intended to contribute to prevention and control of the morbidity and mortality associated with dengue and to serve as an authoritative reference source for health workers and researchers. These guidelines are not intended to replace national guidelines but to assist in the development of national or regional guidelines. They are expected to remain valid for five years (until 2014), although developments in research could change their validity.--Publisher's description

Beginning with the absolutely critical first moments of the outbreak in China, and ending with an epilogue on the vaccine rollout and the unprecedented events between the election of Joseph Biden and his inauguration, Lawrence Wright's *The Plague Year* surges forward with essential information--and fascinating historical parallels--examining the medical, economic, political, and social ramifications of the COVID-19 pandemic.

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