

Reading free The greatest killer smallpox in history [PDF]

The Greatest Killer Smallpox: The Death of a Disease Smallpox Orthopoxviruses Pathogenic for Humans Smallpox in Washington's Army Globalisation Of Variolation: The Overlooked Origins Of Immunity For Smallpox In The 18th Century Encyclopedia of Pestilence, Pandemics, and Plagues [2 volumes] Understanding Viruses A History of Public Health Social Histories of Disability and Deformity The War Against Smallpox Epidemics and Pandemics Vaccine Nation Angel of Death Global Health in Africa The Pox of Liberty "A Man Very Well Studyed" An Alternative Medical Perspective on Ancient History Vaccines E-Book Plotkin's Vaccines,E-Book Medicine and Society in Early Modern Europe The Political Economy of Everyday Life in Africa Vaccines: A Biography COVID-19, Law, and Regulation The End of a Global Pox The Zeronauts The Contagion of Liberty Asia, Europe, and the Emergence of Modern Science Plagues in World History Vaccine: The Controversial Story of Medicine's Greatest Lifesaver Disease and Death in Eighteenth-Century Literature and Culture The Public Health Approach Vaccines The Handbook of Homeland Security Plague-Busters! Health, Medicine, and Society in Victorian England Expunging Variola Port Cities of the Atlantic World Crisis Epidemic Encounters, Communities, and Practices in the Colonial World

The Greatest Killer 2002-09-15

once known as the great fire or spotted death smallpox has been rivaled only by plague as a source of supreme terror although naturally occurring smallpox was eradicated in 1977 recent terrorist attacks in the united states have raised the possibility that someone might craft a deadly biological weapon from stocks of the virus that remain in known or perhaps unknown laboratories in the greatest killer donald r hopkins provides a fascinating account of smallpox and its role in human history starting with its origins 10 000 years ago in africa or asia hopkins follows the disease through the ancient and modern worlds showing how smallpox removed or temporarily incapacitated heads of state halted or exacerbated wars and devastated populations that had never been exposed to the disease in hopkins s history smallpox was one of the most dangerous and influential factors that shaped the course of world events

Smallpox: The Death of a Disease 2009-09-25

for more than 3000 years hundreds of millions of people have died or been left permanently scarred or blind by the relentless incurable disease called smallpox in 1967 dr d a henderson became director of a worldwide campaign to eliminate this disease from the face of the earth this spellbinding book is dr henderson s personal story of how he led the world health organization s campaign to eradicate smallpox the only disease in history to have been deliberately eliminated some have called this feat the greatest scientific and humanitarian achievement of the past century in a lively engrossing narrative dr henderson makes it clear that the gargantuan international effort involved more than straightforward mass vaccination he and his staff had to cope with civil wars floods impassable roads and refugees as well as formidable bureaucratic and cultural obstacles shortages of local health personnel and meager budgets countries across the world joined in the effort the united states and the soviet union worked together through the darkest cold war days and professionals from more than 70 nations served as who field staff on october 26 1976 the last case of smallpox occurred the disease that annually had killed two million people or more had been vanquished and in just over ten years the story did not end there dr henderson recounts in vivid detail the continuing struggle over whether to destroy the remaining virus in the two laboratories still that held it then came the startling discovery that the soviet union had been experimenting with smallpox virus as a biological weapon and producing it in large quantities the threat of its possible use by a rogue nation or a terrorist has had to be taken seriously and dr henderson has been a central figure in plans for coping with it new methods for mass smallpox vaccination were so successful that he sought to expand the program of smallpox immunization to include polio measles whooping cough diphtheria and tetanus vaccines that program now reaches more than four out of five children in the world and is eradicating poliomyelitis this unique book is to be treasured a personal and true story that proves that through cooperation and perseverance the most daunting of obstacles can be overcome

Smallpox 2013

orthopoxviruses pathogenic for humans covers those viruses capable of causing disease in man including monkeypox smallpox cowpox and vaccinia the coverage of each virus is comprehensive covering the biology molecular biology and ecology of the virus as well as the clinical and epidemiological aspects of these viruses in humans and animals in addition this volume highlights developments in genetic engineering that are paving the way for potential therapeutic treatments of these viruses

Orthopoxviruses Pathogenic for Humans

2005-07-06

in smallpox in washington s army disease war and society during the revolutionary war the author argues that smallpox played an integral role in military affairs for both the british and continental armies and impacted soldiers and civilians throughout the war for american independence due to the royal army s policy of troop inoculation and because many british soldiers were already immune to the variola virus the american army was initially at a disadvantage most american colonists were highly susceptible to this dreaded disease and its presence was greatly feared general george washington was keenly aware of this disadvantage and despite his own doubts embarked on a policy of inoculation to protect his troops use of this controversial innovative and effective medical procedure leveled the playing field within the armies however by 1777 smallpox spread throughout america as soldiers interacted with civilian populations once military action moved south american and british auxiliary troops and the enslaved southern population all succumbed to the disease creating a disorderly dangerous situation as the war ends washington s implementation of isolation policies as well as mass troop inoculation removed the threat of epidemic smallpox and ultimately protected american soldiers and civilians from the dangers of this much feared disease

Smallpox in Washington's Army 2022-11-22

devastating epidemics of untreatable smallpox caused not only deaths but dire disfigurements of face and body as well as one third of all blindness in the 20th century mortality was estimated at 300 million up to 1978 the year it was proclaimed to be eradicated historically the fact has been overlooked often forgotten that the preventative practice of variolation for smallpox was widely adopted internationally during the 18th century and was the precursor to refinement as cowpox vaccination never previously traced was the extensive global adoption of the technique or the impetus for this transmission and how in these countries of its adoption variolation was the prime mover for a national concept of public health with the establishment of free institutions the global adoption of the first invasive medical prophylaxis for any disease the origin of immunity deserves its place in history

Globalisation Of Variolation: The Overlooked Origins Of Immunity For Smallpox In The 18th Century 2019-05-03

editor joseph p byrne together with an advisory board of specialists and over 100 scholars research scientists and medical practitioners from 13 countries has produced a uniquely interdisciplinary treatment of the ways in which diseases pestilence and plagues have affected human life from the athenian flu pandemic to the black death to aids this extensive two volume set offers a sociocultural historical and medical look at infectious diseases and their place in human history from neolithic times to the present nearly 300 entries cover individual diseases such as hiv aids malaria ebola and sars major epidemics such as the black death 16th century syphilis cholera in the nineteenth century and the spanish flu of 1918 19 environmental factors such as ecology travel poverty wealth slavery and war and historical and cultural effects of disease such as the relationship of romanticism to tuberculosis the closing of london theaters during plague epidemics and the effect of venereal disease on social reform primary source sidebars over 70 illustrations a glossary and an extensive print and nonprint bibliography round out the work

Encyclopedia of Pestilence, Pandemics, and Plagues [2 volumes] 2008-09-30

the ideal text for undergraduate students majoring in biology microbiology medical technology or pre med the second edition of understanding viruses provides a balanced approach to this fascinating discipline combining the molecular clinical and historical aspects of virology updated throughout to keep pace with this fast paced field the text provides a strong comprehensive introduction to human viral diseases new material on molecular virology as well as new virus families presented coupled with chapters on viral diseases of animals the history of clinical trials gene therapy and xenotransplantation prions and viroids plant viruses and bacteriophages add to the scope of the text chapters discussing specific viral diseases weave in an epidemiological and global perspective and include treatment and prevention information contemporary case studies refresher boxes and virus files engage students in the learning process with a wealth of student and instructor support tools understanding viruses is an accessible exciting and engaging text for your virology course

Understanding Viruses 2011-10-03

george rosen s wide ranging account of public health s long and fascinating history is an indispensable classic since publication in 1958 george rosen s classic book has been regarded as the essential international history of public health describing the development of public health in classical greece imperial rome england europe the united states and elsewhere rosen illuminates the lives and contributions of the field s great figures he considers such community health problems as infectious disease water supply and sewage disposal maternal and child health nutrition and occupational disease and injury and he assesses the public health landscape of health education public health administration epidemiological theory communicable disease control medical care statistics public policy and medical geography rosen writing in the 1950s may have had good reason to believe that infectious diseases would soon be conquered but as dr pascal james imperato writes in the new foreword to this edition infectious disease remains a grave threat globalization antibiotic resistance and the emergence of new pathogens and the reemergence of old ones have returned public health efforts to the basics preventing and controlling chronic and communicable diseases and shoring up public health infrastructures that provide potable water sewage disposal sanitary environments and safe food and drug supplies to populations around the globe a revised introduction by elizabeth fee frames the book within the context of the historiography of public health past present and future and an updated bibliography by edward t morman includes significant books on public health history published between 1958 and 2014 for seasoned professionals as well as students a history of public health is visionary and essential reading

A History of Public Health 2015-04-01

collecting together essays written by an international set of contributors this book provides an important contribution to the emerging field of disability history it explores changes in understandings of deformity and disability between the sixteenth and twentieth centuries and reveal the ways in which different societies have conceptualised the normal and the pathological through a variety of case studies including early modern birth defects homosexuality smallpox scarring vaccination orthopaedics deaf education eugenics mental deficiency and the experiences of psychologically scarred military veterans this book provides new perspectives on the history of physical sensory and intellectual anomaly examining changes over five centuries it charts how disability was delineated from other forms of deformity and disfigurement by a clearer medical perspective essays shed light on the experiences

of oppressed minorities often hidden from mainstream history but also demonstrate the importance of discourses of disability and deformity as key cultural signifiers which disclose broader systems of power and authority citizenship and exclusion the diverse nature of the material in this book will make it relevant to scholars interested in cultural literary social and political as well as medical history

Social Histories of Disability and Deformity **2006-09-27**

a history of the global spread of vaccination during the napoleonic wars when millions of children were saved from smallpox

The War Against Smallpox 2020-06-18

balancing current and historical issues this volume of essays covers the most significant worldwide epidemics from the black death to aids great pandemics have resulted in significant death tolls and major social disruption other virgin soil epidemics have struck down large percentages of populations that had no previous contact with newly introduced microbes written by a specialist in the history of science and medicine the essays in this volume discuss pandemics and epidemics affecting europe the americas africa and asia covering diseases in ancient times to the present each entry combines biological and social information to form a picture of the significance of epidemics that have shaped world history the essays cover the areas of major pandemics virgin soil epidemics disruptive shocks and epidemics of symbolic interest included are facts about what an epidemic was where and when it occurred how contemporaries reacted and the unresolved historical issues remaining this fascinating material is written at a level suitable for scholars and the general public

Epidemics and Pandemics 2005-12-12

a strikingly honest fair minded and informed chronicle of the vaccine controversy in the united states age of autism by setting the complex story of american vaccination within the country s broader history vaccine nation goes beyond the simple story of the triumph of science over disease and provides a new and perceptive account of the role of politics and social forces in medicine vaccine nation opens in the 1960s when government scientists triumphant following successes combating polio and smallpox considered how the country might deploy new vaccines against what they called the milder diseases including measles mumps and rubella in the years that followed conis reveals vaccines fundamentally changed how medical professionals policy administrators and ordinary americans came to perceive the diseases they were designed to prevent she brings this history up to the present with an insightful look at the past decade s controversy over the implementation of the gardasil vaccine for hpv which sparked extensive debate because of its focus on adolescent girls and young women through this and other examples conis demonstrates how the acceptance of vaccines and vaccination policies has been as contingent on political and social concerns as on scientific findings in vaccine nation conis delivers a fascinating account of how routine childhood immunization came to be both a public health success story and a source of bitter controversy james colgrove author of epidemic city and state of immunity at a moment when as conis says children s participation in public life depends on their immunization status she favors a nuanced view of our complicated relationship with the jab los angeles times

Vaccine Nation 2014-10-20

the story of the rise and fall of smallpox one of the most savage killers in the history of mankind and the only disease ever to be successfully exterminated 30 years ago next year by a public health campaign

Angel of Death 2010-05-17

global health in africa is a first exploration of selected histories of global health initiatives in africa the collection addresses some of the most important interventions in disease control including mass vaccination large scale treatment and or prophylaxis campaigns harm reduction efforts and nutritional and virological research the chapters in this collection are organized in three sections that evaluate linkages between past present and emergent part i looking back contains four chapters that analyze colonial era interventions and reflect upon their implications for contemporary interventions part ii the past in the present contains essays exploring the historical dimensions and unexamined assumptions of contemporary disease control programs part iii the past in the future examines two fields of public health intervention in which efforts to reduce disease transmission and future harm are premised on an understanding of the past this much needed volume brings together international experts from the disciplines of demography anthropology and historical epidemiology covering health initiatives from smallpox vaccinations to malaria control to hiv campaigns global health in africa offers a first comprehensive look at some of global health s most important challenges

Global Health in Africa 2013-11-15

the united states is among the wealthiest nations in the world but that wealth hasn t translated to a higher life expectancy an area where the united states still ranks thirty eighth behind cuba chile costa rica and greece among many others some fault the absence of universal health care or the persistence of social inequalities others blame unhealthy lifestyles but these emphases on present day behaviors and policies miss a much more fundamental determinant of societal health the state werner troesken looks at the history of the united states with a focus on three diseases smallpox typhoid fever and yellow fever to show how constitutional rules and provisions that promoted individual liberty and economic prosperity also influenced for good and for bad the country s ability to eradicate infectious disease ranging from federalism under the commerce clause to the contract clause and the fourteenth amendment troesken argues persuasively that many institutions intended to promote desirable political or economic outcomes also hindered the provision of public health we are unhealthy in other words at least in part because our political and legal institutions function well offering a compelling new perspective the pox of liberty challenges many traditional claims that infectious diseases are inexorable forces in human history beyond the control of individual actors or the state revealing them instead to be the result of public and private choices

The Pox of Liberty 2015-06-29

this volume of essays on thomas browne aims to set the man and his works in new contexts drawing on new research into his reading readers biography manuscripts and politics a new picture of browne and his writing emerges clarifying his relationship to seventeenth century english and european culture

"A Man Very Well Studied" 2008

this book tells the story of the world's first documented pandemic based on ancient Sumerian cuneiform tablets and ancient DNA from skeletons. This pandemic eventually involved all of Eurasia and spread to India and Russia. Ancient historians have suggested many theories for the demise of Sumer and the Indus Valley civilisations, but none have ever proposed the possibility of an infectious disease pandemic. Hence, this book rewrites ancient history and asks people to consider the possibility of an infectious disease pandemic being the cause of the eradication of a civilisation.

An Alternative Medical Perspective on Ancient History 2023-09-07

From the development of each vaccine to its use in reducing disease, Plotkin's Vaccines 7th Edition provides the expert information you need to provide optimal care to your patients. This award-winning text offers a complete understanding of each disease as well as the latest knowledge of both existing vaccines and those currently in research and development. Described by Bill Gates as an indispensable guide to the enhancement of the well-being of our world, Plotkin's Vaccines is a must-have reference for current authoritative information in this fast-moving field. Includes complete information for each disease including clinical characteristics, microbiology, pathogenesis, diagnosis, and treatment; epidemiology and public health and regulatory issues; plus complete information for each vaccine including its stability, immunogenicity, efficacy, duration of immunity, adverse events, indications, contraindications, precautions, administration with other vaccines, and disease control strategies. Analyzes the cost-benefit and cost-effectiveness of different vaccine options. Helps you clearly visualize concepts and objective data through an abundance of tables and figures. Covers the new oral cholera and zoster vaccines as well as newly licensed meningococcal group B vaccines and a newly licensed dengue vaccine. Brings you up to date on successful human trials of Ebola vaccines, an enterovirus 71 vaccine licensed in China, and new recommendations and changes to polio vaccines. Features a new chapter on maternal immunization.

Vaccines E-Book 2017-04-07

From the latest vaccination evidence, recommendations, and protocols to new vaccine development and the use of vaccines in reducing disease, Plotkin's Vaccines 8th Edition covers every aspect of vaccination. Now completely revised and updated from cover to cover, this award-winning text continues to provide reliable information from global authorities, offering a complete understanding of each disease as well as the latest knowledge of both existing vaccines and those currently in research and development. Described by Bill Gates as an indispensable guide to the enhancement of the well-being of our world, Plotkin's Vaccines is a must-have reference for current authoritative information in this fast-moving field. Contains all new chapters on COVID-19 vaccine hesitancy and non-specific effects of vaccines, as well as significantly revised content on new vaccine technologies such as mRNA vaccines, emerging vaccines, and technologies to improve immunization. Presents exciting new data on evolution of adjuvants across the centuries, dengue vaccines, human papillomavirus vaccines, respiratory syncytial virus vaccines, tuberculosis vaccines, and zoster vaccines. Provides up-to-date authoritative information on vaccine production, available preparations, efficacy, and safety, and recommendations for vaccine use with rationales and data on the impact of vaccination programs on morbidity and mortality. Provides complete coverage of each disease, including clinical characteristics, microbiology, pathogenesis, diagnosis, and treatment, as well as epidemiology and public health and regulatory issues. Keeps you up to date with information on each vaccine, including its stability, immunogenicity, efficacy, duration of immunity, adverse

events indications contraindications precautions administration with other vaccines and disease control strategies covers vaccine preventable diseases vaccine science and licensed vaccine products as well as product technologies and global regulatory and public health issues analyzes the cost benefit and cost effectiveness of different vaccine options helps you clearly visualize concepts and objective data through an abundance of tables and figures

Plotkin's Vaccines, E-Book 2022-12-21

a concise and accessible introduction to health and healing in europe from 1500 to 1800

***Medicine and Society in Early Modern Europe* 2010-07**

multi disciplinary examination of the role of ordinary african people as agents in the generation and distribution of well being in modern africa

***The Political Economy of Everyday Life in Africa* 2017**

why another book about vaccines there are already a few extremely well written medical textbooks that provide comprehensive state of the art technical reviews regarding vaccine science additionally in the past decade alone a number of engrossing provocative books have been published on various related issues ranging from vaccines against specific diseases to vaccine safety and policy yet there remains a significant gap in the literature the history of vaccines a biography seeks to fill a void in the extant literature by focusing on the history of vaccines and in so doing recounts the social cultural and scientific history of vaccines it places them within their natural historical context the book traces the lineage the biography of individual vaccines originating with deeply rooted medical problems and evolving to an eventual conclusion nonetheless these are not biographies in the traditional sense they do not trace an individual's growth and development instead they follow an idea as it is conceived and developed through the contributions of many these are epic stories of discovery of risk takers of individuals advancing medical science in the words of the famous physical scientist isaac newton by standing on the shoulders of giants one grant reviewer described the book's concept as triumphalist although meant as an indictment this is only partially inaccurate

Vaccines: A Biography 2009-12-11

covid 19 is the most severe pandemic the world has experienced in a century this book analyses major legal and regulatory responses internationally to covid 19 and the impact the pandemic has had on human rights and freedoms governance the obligations of states and individuals as well the role of the world health organization and other international bodies during this time the authors examine notable legal challenges to public health measures enforced during the pandemic such as lockdown orders curfews and vaccine mandates importantly the book contextualizes the legal analysis by examining the broader social and economic dimensions of risks posed by the pandemic the book considers how covid 19 impacted the operation of the criminal justice system civil litigation concerning negligently caused deaths and business losses arising from contractual breaches consumer protection litigation disciplinary regulation of health practitioners coronial inquests and other investigations of unexpected deaths and occupational health and safety issues the book reflects on the role of the law in facilitating the remarkable scientific and epidemiological

achievements during the pandemic but also the challenges of ensuring the swift production and equitable distribution of treatments and vaccines it concludes by considering the possibilities that the legal and regulatory responses to this pandemic have illuminated for effectively tackling future global health crises

COVID-19, Law, and Regulation 2023-01-19

by the mid twentieth century smallpox had vanished from north america and europe but continued to persist throughout africa asia and south america in 1965 the united states joined an international effort to eradicate the disease and after fifteen years of steady progress the effort succeeded bob h reinhardt demonstrates that the fight against smallpox drew american liberals into new and complex relationships in the global cold war as he narrates the history of the only cooperative international effort to successfully eliminate a human disease unlike other works that have chronicled the fight against smallpox by offering a biography of the disease or employing a triumphalist narrative of a public health victory the end of a global pox examines the eradication program as a complex exercise of american power reinhardt draws on methods from environmental medical and political history to interpret the global eradication effort as an extension of u s technological medical and political power this book demonstrates the far reaching manifestations of american liberalism and cold war ideology and sheds new light on the history of global public health and development

The End of a Global Pox 2015-06-24

a world of 9 billion people by mid century will demand fundamental changes in our mindsets behaviors cultures and overarching paradigm just as our species broke the sound barrier during the 1940s and 1950s a new breed of innovator entrepreneur and investor is lining up to break the sustainability barrier in this book john elkington introduces the zeronauts a new breed of innovator determined to drive problems such as carbon waste toxics and poverty to zero as well as creating the first zeronaut roll of honor spotlighting 50 pioneers in the field of zero zeronauts are innovating in an astonishing range of areas tackling hugely diverse economic social environmental and governance challenges to give a sense of progress to date we zero in on five key challenges the 5ps population growth pandemics poverty pollution and proliferation the power of zero has been trumpeted notably in relation to zero defects this book spotlights key lessons learned in the field of total quality management and introduces a five stage pathways to zero model running through from the eureka discovery moment to the point where a new way of doing things becomes endemic in the economy in order to move from incremental to transformative change we must embrace wider framings deeper insights higher targets and longer time scales this book investigates some ways in which leading zeronauts are pushing change in relevant directions with cases drawn from a spectrum of human activity from water profligacy to human genital mutilation if we learn from these pioneers the twenty first century could be our best yet

The Zeronauts 2012-05-31

the author argues that a demand for public solutions during smallpox epidemics of the eighteenth century especially broad access to inoculation influenced revolutionary politics and changed the way that americans understood their health and governmental responsibilities to protect it

The Contagion of Liberty 2022-12-06

this volume brings together essays from leading thinkers to examine what role asian

traditions of knowledge played in the rise of modern science in europe the implications this has for the epistemology of science and whether pre modern asian traditions can provide resources for advancing scientific knowledge in future

Asia, Europe, and the Emergence of Modern Science 2012-07-26

plagues in world history provides a concise comparative world history of catastrophic infectious diseases including plague smallpox tuberculosis cholera influenza and aids john aberth considers not only their varied impact but also the many ways in which people have been able to influence diseases simply through their cultural attitudes our ability to alter disease even without modern medical treatments is even more crucial lesson now that aids swine flu multidrug resistant tuberculosis and other seemingly incurable illnesses have raged worldwide the author s comparative analysis of how different societies have responded in the past to disease illuminates what cultural approaches have been and may continue to be most effective in combating the plagues of today

Plagues in World History 2011-01-16

a timely fair minded and crisply written account new york times book review vaccine juxtaposes the stories of brilliant scientists with the industry s struggle to produce safe effective and profitable vaccines it focuses on the role of military and medical authority in the introduction of vaccines and looks at why some parents have resisted this authority political and social intrigue have often accompanied vaccination from the divisive introduction of smallpox inoculation in colonial boston to the 9 000 lawsuits recently filed by parents convinced that vaccines caused their children s autism with narrative grace and investigative journalism arthur allen reveals a history illuminated by hope and shrouded by controversy and he sheds new light on changing notions of health risk and the common good

Vaccine: The Controversial Story of Medicine's Greatest Lifesaver 2008-05-17

this collection examines different aspects of attitudes towards disease and death in writing of the long eighteenth century taking three conditions as examples ennuie sexual diseases and infectious diseases as well as death itself contributors explore the ways in which writing of the period placed them within a borderland between fashionability and unfashionability relating them to current social fashions and trends these essays also look at ways in which diseases were fashioned into bearing cultural moral religious and even political meaning works of literature are used as evidence but also medical writings personal correspondence and diaries diseases or conditions subject to scrutiny include syphilis male impotence plague smallpox and consumption death finally is looked at both in terms of writers constructing meanings within death and of the fashioning of posthumous reputation

Disease and Death in Eighteenth-Century Literature and Culture 2017-02-23

this book tells the history of how the field of public health arose and developed via a distinctive way of approaching human health this public health approach is marked by abstracting away from the health of particular individuals and studying populations of individuals and how a variety of factors affect population health

The Public Health Approach 2023-10-17

completely revised and updated this respected reference offers comprehensive and current coverage of every aspect of vaccination from development to use in reducing disease it provides authoritative information on vaccine production available preparations efficacy and safety recommendations for vaccine use with rationales data on the impact of vaccination programs on morbidity and mortality and more and now as an expert consult title it includes a companion web site offering this unparalleled guidance where and when you need it most provides a complete understanding of each disease including clinical characteristics microbiology pathogenesis diagnosis and treatment as well an epidemiology and public health issues offers comprehensive coverage of both existing vaccines and vaccines currently in the research and development stage examines vaccine stability immunogenicity efficacy duration of immunity adverse events indications contraindications precautions administration with other vaccines and disease control strategies analyses the cost benefit and cost effectiveness of vaccines discusses the proper use of immune globulins and antitoxins illustrates concepts and objective data with approximately 600 tables and figures includes access to a companion web site offering the complete contents of the book fully searchable for rapid consultation from anyplace with an internet connection

Vaccines 2008-02-11

the handbooks of homeland security handbook is a convenient one stop reference and guide to the latest regulations and developments in all things relevant to the homeland security and defense domain the book is divided into five parts and addresses such critical areas of as countering terrorism critical infrastructure protection information and cybersecurity military and private sector support for homeland security risk assessment and preparedness for all hazards and evolving threats in total more than 100 chapters outline the latest developments in homeland security policies directives and mandates as well as emergent threats and topical considerations for the department of homeland security dhs and its stake holders the diverse array of chapter topics covered contributed to by dozens of top experts in the field provides a useful and important resource for any student professional researcher policy maker or library in understanding the domestic initiatives of public sector homeland security entities and their responsibilities in the current global environment

The Handbook of Homeland Security 2023-07-07

smallpox rabies black death throughout history humankind has been plagued by well by plagues the symptoms of these diseases were gruesome but the remedies were even worse get to know the ickiest illnesses that have infected humans and affected civilizations through the ages each chapter explores the story of a disease including the scary symptoms kooky cures and brilliant breakthroughs that it spawned medical historian and bestselling author lindsey fitzharris lays out the facts with her trademark wit and adrian teal adds humor with cartoons and caricatures drawn in pitch black and blood red diseases covered in this book include bubonic plague smallpox rabies tuberculosis cholera and scurvy thanks to centuries of sickness and a host of history s most determined plague busters this riveting book features everything you ve ever wanted to know about the world s deadliest diseases

Plague-Busters! 2023-10-10

this work offers a social and cultural history of victorian medicine from below as experienced by ordinary practitioners and patients often described in their own

words health medicine and society in victorian england is a human story of medicine in 19th century england it s a story of how a diverse and competitive assortment of apothecary apprentices surgeons who learned their trade by doing and physicians schooled in ancient greek medicine but lacking in any actual experience with patients was gradually formed into a medical profession with uniform standards of education and qualification it s a story of how medical men struggled with new diseases such as cholera and old ones known for centuries such as tuberculosis syphilis and smallpox largely in the absence of effective drugs or treatments and so were often reduced to standing helplessly by as their patients died it s a story of how surgeons empowered first by anesthesia and later by antiseptic technique vastly expanded the field of surgery sometimes with major benefits for patients but sometimes with disastrous results above all it s a story of how gender and class ideology dominated both practitioners and patients women were stridently excluded from medical education and practice of any kind until the end of the century but were hailed into the new field of nursing which was felt to be natural to the gentler sex only the poor were admitted to hospitals until the last decades of the century and while they often received compassionate care they were also treated as cases of disease and experimented upon with freedom yet because medical knowledge was growing by leaps and bounds victorians were fascinated with this new field and wrote novels poetry essays letters and diaries which illuminate their experience of health and disease for us newly developed techniques of photography as well as improved print illustrations help us to picture this fascinating world this vivid history of victorian medicine is enriched with many literary examples and visual images drawn from the period

Health, Medicine, and Society in Victorian England

2009-11-19

as a crucial component of the global smallpox eradication programme which has been widely hailed as one of the greatest public health successes in the twentieth century the indian experience has some important stories to tell expunging variola reveals these as it chronicles the last three decades of the anti smallpox campaigns in india this wide ranging study based on extensive archival research in india britain switzerland and the united states of america assesses the many complexities in the formulation and implementation of the smallpox eradication programme in the subcontinent rather than merely cataloguing the developments of this extremely complex exercise within the world health organisation headquarters in geneva and the indian central government in new delhi this book adopts a much broader perspective it makes a conscious effort to provide a detailed view by including the accounts of who governmental and nongovernmental personnel on the ground in this manner nuanced descriptions of important and often controversial situations are provided thus apart from acknowledging the influence of national state and district level political economic and social structures in continually reshaping the contours of the smallpox campaigns this work also emphasises the crucial role played by field workers in implementing and often reinterpreting health strategies proposed by geneva and new delhi original not only in perspective but in material based as it is on a wide range of sources which have never been exploited by academics before expunging variola breaks new ground in the historiography of smallpox eradication in the subcontinent the book serves as a companion volume to fractured states which covers the period 1800 1947

Expunging Variola 2006

traces the maritime routes and the historical networks that link port cities around the atlantic world port cities of the atlantic world brings together a collection of essays that examine the centuries long transatlantic transportation of people goods and

ideas with a focus on the impact of that trade on what would become the american south employing a wide temporal range and broad geographic scope the scholars contributing to this volume call for a sea facing history of the south one that connects that terrestrial region to this expansive maritime history by bringing the study up to the 20th century in the collection s final section the editors jacob steere williams and blake c scott make the case for the lasting influence of these port cities and atlantic world history on the economy society and culture of the contemporary south

Port Cities of the Atlantic World 2023-12-14

the year 2020 was marked by a series of rolling crises the australian wildfires at the start of the year were a catastrophic sign of the global climate crisis xi jinping s announcement in september that the people s republic of china would become carbon neutral by 2060 could help alleviate the crisis but china has to fix its coal problem first the big story was of course the global covid 19 pandemic appearing to originate in a wuhan wet market by year s end the pandemic had claimed nearly 2 million lives worldwide put whole countries into lockdown and sent economies around the world tumbling into recession china itself successfully suppressed the disease at home and recorded positive economic growth for the year proving at least according to the chinese communist party the superiority of the socialist system not everyone was convinced with persistent questions about the ccp s initial cover up of the outbreak and how the lack of transparency helped it become a pandemic in the first place the china story yearbook 2020 crisis surveys the multiple crises of the year of the metal rat including the catastrophic mid year floods that sparked fears about the stability of the three gorges dam it looks at how chinese women fared through the pandemic from the rise in domestic violence to portraits of female sacrifice on the medical front line to the trolling of a famous dancer for being childless it also examines the downward spiralling sino australian relationship the difficult co morbidities of china s relations with the us the end of one country two systems in hong kong the simmering border conflict with india and the rise of pandemic related anti chinese racism the yearbook also explores the responses to crisis of among others daoists buddhists and humourists because when all else fails there s always philosophy prayer and laughter

Crisis 2021-04-21

the essays in this volume examine the nature and extent of disease on indigenous communities and local populations located within the vast regions of the indian and pacific oceans as a result of colonial sea power and colonial conquest while this established a long term impact of disease on populations the essays also offer insights into the dynamics of these populations in resisting colonial intrusions and introduction of disease to newly acquired territories

Epidemic Encounters, Communities, and Practices in the Colonial World 2023-01-24

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