

QUININE'S PREDECESSOR

Francesco Torti and the Early History of Cinchona

SAUL JARCHO, M.D.



CINCHONA FERTILIS

Quinines Predecessor Francesco Torti And The Early History Of Cinchona

**Arthur L. Caplan, James J.
McCartney, Dominic A. Sisti**



Quinines Predecessor Francesco Torti And The Early History Of Cinchona:

Quinine's Predecessor Saul Jarcho,1993 The history of cinchona has traditionally begun with the romantic and now discredited story of Francisca Henríquez Ribera the Countess of Chinchón According to legend the Countess became seriously ill during an outbreak of fever in Lima around 1623 Her husband the Viceroy learning of a medicinal tree bark used by the local Indians ordered the bark tested and administered to his wife Following her prompt recovery the Countess championed the use of bark among the general populace and thousands of lives were saved The drug became known as pulvis Comitissae the powder of the Countess and later misspelled by Linnaeus as cinchona In *Quinine's Predecessor* Saul Jarcho unravels a tangle of myth hearsay and fact to establish the definitive history of cinchona bark the still important source of modern quinine Jarcho explains the discovery of the healing property of the substance also known as Peruvian bark or Jesuits bark and traces the routes by which it was transmitted from South America to Spain and other countries He recounts the controversy and resistance surrounding its acceptance by medical practitioners And he offers the most complete account to date of the important work of Francesco Torti who used the bark successfully in treating cerebral and other especially dangerous malarial infections Bibliography of the History of Medicine ,1993 *A History of Medicine* Lois N. Magnier, Oliver J Kim,2017-12-14 Designed for survey courses in the field *A History of Medicine* presents a wide ranging overview for those seeking a solid grounding in the medical history of Western and non Western cultures Invaluable to instructors promoting the history of medicine in pre professional training and stressing major themes in the history of medicine this third edition continues to stimulate further exploration of the events methodologies and theories that have shaped medical practices in decades past and continue to do so today **The Andean Wonder Drug** Matthew James Crawford,2016-09-07 In the eighteenth century malaria was a prevalent and deadly disease and the only effective treatment was found in the Andean forests of Spanish America a medicinal bark harvested from cinchona trees that would later give rise to the antimalarial drug quinine In 1751 the Spanish Crown asserted control over the production and distribution of this medicament by establishing a royal reserve of fever trees in Quito Through this pilot project the Crown pursued a new vision of imperialism informed by science and invigorated through commerce But ultimately this project failed much like the broader imperial reforms that it represented Drawing on extensive archival research Matthew Crawford explains why showing how indigenous healers laborers merchants colonial officials and creole elites contested European science and thwarted imperial reform by asserting their authority to speak for the natural world *The Andean Wonder Drug* uses the story of cinchona bark to demonstrate how the imperial politics of knowledge in the Spanish Atlantic ultimately undermined efforts to transform European science into a tool of empire **Plants in 16th and 17th Century** Fabrizio Baldassarri,2023-07-04 In the pre modern times while medicine was still relying on classical authorities on herbal remedies a new engagement with the plant world emerged This volume follows intertwined strands in the study of plants examining newly introduced species

that captured physicians curiosity expanded their therapeutic arsenal and challenged their long held medical theories The development of herbaria the creation of botanical gardens and the inspection of plants contributed to a new understanding of the vegetal world Increased attention to plants led to account for their therapeutic virtues to test and produce new drugs to recognize the physical properties of plants and to develop a new plant science and medicine **The Burdens of Disease** J. N. Hays,2009-10-15 A review of the original edition of The Burdens of Disease that appeared in ISIS stated Hays has written a remarkable book He too has a message That epidemics are primarily dependent on poverty and that the West has consistently refused to accept this This revised edition confirms the book s timely value and provides a sweeping approach to the history of disease In this updated volume with revisions and additions to the original content including the evolution of drug resistant diseases and expanded coverage of HIV AIDS along with recent data on mortality figures and other relevant statistics J N Hays chronicles perceptions and responses to plague and pestilence over two thousand years of western history Disease is framed as a multidimensional construct situated at the intersection of history politics culture and medicine and rooted in mentalities and social relations as much as in biological conditions of pathology This revised edition of The Burdens of Disease also studies the victims of epidemics paying close attention to the relationships among poverty power and disease

Beyond Exceptionalism Rebekka Mallinckrodt,Josef Köstlbauer,Sarah Lentz,2021-08-23 While the economic involvement of early modern Germany in slavery and the slave trade is increasingly receiving attention the direct participation of Germans in human trafficking remains a blind spot in historiography This edited volume focuses on practices of enslavement taking place within German territories in the early modern period as well as on the people of African Asian and Native American descent caught up in them *Health, Disease, and Illness* Arthur L. Caplan,James J.

McCartney,Dominic A. Sisti,2004 Drapetomania was a little known disease found among black slaves in the United States in the 1850s The main symptom according to medical opinion The desire to run away from slave masters In earlier centuries gout was understood as a metabolic disease of the affluent so much so that it became a badge of upper crust honor and a medical excuse to avoid hard work Today is there such a thing as mental illness or is mental illness just a myth Is Alzheimer s really a disease What is menopause A biological phenomenon or a social construction In this successor volume to the 1981 Concepts of Health and Disease the three editors Caplan McCartney and Sisti explore how society understands and determines health disease and illness The 28 classic essays are divided into four parts Historical Discussions Characterizing Health Disease and Illness Clinical Applications of Health and Disease and Normalcy Genetic Disease and Enhancement The Future of the Concepts of Health and Disease Drawing on a wide variety of sources from Galen 150 CE to Maimonides 1150 to contemporary bioethicists and philosophers the editors demonstrate how concepts of health and disease evolve from generation to generation and remain despite claims of scientific objectivity culture and value laden Foreword by Edmund Pellegrino M D author of numerous books on philosophy and medicine **Malarial Subjects** Rohan Deb Roy,2017-09-14

This book examines how and why British imperial rule shaped scientific knowledge about malaria and its cures in nineteenth century India This title is also available as Open Access **Cultural Sociology of the Middle East, Asia, and Africa** Andrea L. Stanton,Edward Ramsamy,Peter J. Seybolt,Carolyn M. Elliott,2012-01-05 In our age of globalization and multiculturalism it has never been more important for Americans to understand and appreciate foreign cultures and how people live love and learn in areas of the world unfamiliar to most U S students and the general public The four volumes in our cultural sociology reference encyclopedia take a step forward in this endeavor by presenting concise information on those regions likely to be most foreign to U S students the Middle East Asia and Africa The intent is to convey what daily life is like for people in these selected regions It is hoped entries within these volumes will aid readers in efforts to understand the importance of cultural sociology to appreciate the effects of cultural forces around the world and to learn the history of countries and cultures within these important regions

Reading the World Edwin D. Rose,2025-03-18 In the eighteenth and nineteenth centuries a period that marked the emergence of a global modernity educated landowners or gentlemen dominated the development of British natural history utilizing networks of trade and empire to inventory nature and understand events across the world Specimens ranging from a Welsh bittern to the plants of Botany Bay were collected recorded and classified while books were produced in London and copies distributed and used across Britain Continental Europe the Pacific Asia and the Americas Natural history connected a diverse range of individuals from European landowners to Polynesian priests incorporating distributing synthesizing and appropriating information collected on a global scale In *Reading the World* Edwin D Rose positions books natural history specimens and people in a close cycle of literary production and consumption His book reveals new aspects of scientific practice and the specific roles of individuals employed to collect synthesize and distribute knowledge reevaluating Joseph Banks's and Daniel Solander's investigations during James Cook's Endeavour voyage to the Pacific Uncovering the range of skills involved in knowledge production Rose expands our understanding of natural history as a cyclical process from the initial collection and identification of specimens to the formal publication of descriptions to the eventual printing of sources

Malaria Margaret Humphreys,2001-10-23 From a prominent medical historian a fascinating story of the spread of malaria through the USA following its introduction in the seventeenth century *Nature Medicine* Margaret Humphreys presents the first book length account of the parasitic insect borne disease that has infected millions and influenced settlement patterns economic development and the quality of life at every level of American society especially in the south and during its peak in the nineteenth century Humphreys approaches malaria from three perspectives the parasite's biological history the medical response to it and the patient's experience of the disease It addresses numerous questions including how the parasite thrives and eventually becomes vulnerable how professionals came to know about the parasite and learned how to fight it and how people view the disease and came to the point where they could understand and support the struggle against it In addition *Malaria Poverty Race and Public Health in the United States*

argues that malaria control was central to the evolution of local and federal intervention in public health and demonstrates the complex interaction between poverty race and geography in determining the fate of malaria A masterpiece recommended reading for anyone involved in or interested in health care Southern Medical Journal The lack of jargon makes the book accessible to a wide audience Journal of the History of Medicine Drugs on the Page Matthew James Crawford, Joseph M. Gabriel, 2019-05-15 In the early modern Atlantic World pharmacopoeias official lists of medicaments and medicinal preparations published by municipal national or imperial governments organized the world of healing goods giving rise to new and valuable medical commodities such as cinchona bark guaiacum and ipecac Pharmacopoeias and related texts developed by governments and official medical bodies as a means to standardize therapeutic practice were particularly important to scientific and colonial enterprises They served in part as tools for making sense of encounters with a diversity of peoples places and things provoked by the commercial and colonial expansion of early modern Europe Drugs on the Page explores practices of recording organizing and transmitting information about medicinal substances by artisans colonial officials indigenous peoples and others who unlike European pharmacists and physicians rarely had a recognized role in the production of official texts and medicines Drawing on examples across various national and imperial contexts contributors to this volume offer new and valuable insights into the entangled histories of knowledge resulting from interactions and negotiations between Europeans Africans and Native Americans from 1500 to 1850 **The Germ of an Idea** Margaret DeLacy, 2016-03-05 Contagionism is an old idea but gained new life in Restoration Britain The Germ of an Idea considers British contagionism in its religious social political and professional context from the Great Plague of London to the adoption of smallpox inoculation It shows how ideas about contagion changed medicine and the understanding of acute diseases

Malaria and Rome Robert Sallares, 2002-09-05 Malaria and Rome is the first comprehensive study of malaria in ancient Italy since the research of the distinguished Italian malariologist Angelo Celli in the early twentieth century It demonstrates the importance of disease patterns and history in understanding the demography of ancient populations Robert Sallares argues that malaria became increasingly prevalent in Roman times in central Italy as a result of ecological change and alterations to the physical landscapes such as deforestation Making full use of contemporary sources and comparative material from other periods he shows that malaria had a significant effect on mortality rates in certain regions of Roman Italy Robert Sallares incorporates all the important advances made in many relevant fields since Celli's time These include recent geomorphological research on the evolution of the coastal environments of Italy that were notorious for malaria in the past biomolecular research on the evolution of malaria ancient DNA as a new source of evidence for malaria in antiquity the differentiation of mosquito species that permits understanding of the phenomenon of anophelism without malaria where the climate is optimal for malaria and Anopheles mosquitoes are present but there is no malaria and recent medical research on the interactions between malaria and other diseases The argument develops with a careful interplay between the modern

microbiology of the disease and the Greek and Latin literary texts Both contemporary sources and comparative material from other periods are used to interpret the ancient sources In addition to the medical and demographic effects on the Roman population Malaria and Rome considers the social and economic effects of malaria for example on settlement patterns and on agricultural systems Robert Sallares also examines the varied human responses to and interpretations of malaria in antiquity ranging from the attempts at rational understanding made by the Hippocratic authors and Galen to the demons described in the magical papyri

Toward an Intercultural Natural History of Brazil Mariana França, 2023-02-23 This volume presents the first extensive census of the surviving copies of the treatise *Historia Naturalis Brasiliae* in libraries worldwide and examines the book from a variety of interdisciplinary viewpoints The chapters in this volume are written by scholars from different fields of knowledge including anthropology botany linguistics literature book history medieval and early modern history and art history The chapters contextualize the treatise vis vis its predecessors and contemporaneous works of natural history and examine its botanical zoological and linguistic accuracy and usefulness in the present day Put together the seven chapters of this volume present a kaleidoscope of possibilities of how to re interpret Piso and Marcgraf s work within the dynamic context of knowledge production about the New World in the early modern era while also suggesting approaches to continue profiting from its subject matter in the present day *Toward an Intercultural Natural History of Brazil* offers essential reading on the *Historia Naturalis Brasiliae* natural history and Latin American history The Open Access version of this book available at www.taylorfrancis.com has been made available under a Creative Commons Attribution Non Commercial No Derivatives 4.0 license

Health Care and Poor Relief in Counter-Reformation Europe Jon Arrizabalaga, Andrew Cunningham, Ole Peter Grell, 2005-08-15 This examines the effects of the Counter Reformation on health care and poor relief in Southern Catholic Europe in the period between 1540 and 1700

Drugs on Trial Andreas-Holger Maehle, 2016-08-29 Experimental pharmacology is often portrayed as a creation of the nineteenth century the age of the sciences in medicine This book demonstrates that the basic methodology of the field including chemical analysis in vitro testing animal experimentation and human research was already developed in the course of the seventeenth and eighteenth centuries Putting remedies on trial was stimulated by the challenge to Galenism through new chemical mechanical and vitalist concepts of disease by the import of exotic drugs and the flourishing trade with secret medicines The book describes the main issues of eighteenth century pharmacology and therapeutics and provides detailed case studies of three key areas lithontriptics remedies against urinary stones opium and Peruvian bark quinine It shows how pharmacological knowledge and therapeutic change were promoted in medical centres of the time such as Edinburgh London Paris Halle and G ttingen Yet it also reveals how by publication of medical case histories many otherwise little known practitioners contributed to this scientific enterprise as well

Drug Discovery Walter Sneader, 2005-10-31 Written by a leading authority with an excellent reputation and ability for writing a good narrative *Drug Discovery A History* is a far cry from simply a list of chemical

structures This lively new text considers the origins development and history of medicines that generate high media interest and have a huge social and economic impact on society Set within a wide historical social and cultural context it provides expanded coverage of pre twentieth century drugs the huge advances made in the twentieth century and the latest developments in drug research Hallmark features Up to the minute information in drug research Vignettes of special and unusual information and anecdotes Discusses drug prototypes from all sources More comprehensive than other volumes on history of drug discovery From the reviews an excellent bibliographic resource for those interested in the background papers that serve as the foundation for discovery of specific drug entities JOURNAL OF MEDICAL CHEMISTRY June 2006 a very comprehensive overview of drug development It should be on the shelf on any aspiring pharmacist medicinal chemist or person interested in the history of therapeutic agents JOURNAL OF CHEMICAL EDUCATION February 2006 a very readable and closely researched book CHEMISTRY INDUSTRY October 2005 National Library of Medicine Current Catalog
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