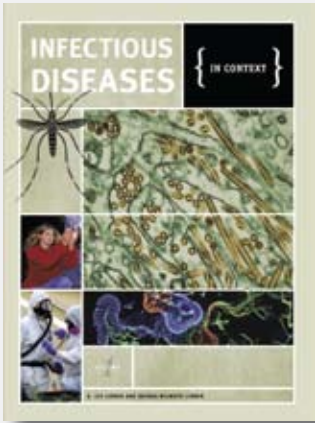


Infectious Diseases in Context



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EXAMINES THE GLOBAL IMPACT OF INFECTIOUS DISEASES

Aimed primarily at high school students, *Infectious Diseases in Context* is a comprehensive guide to the increasingly important topic of emerging and threatening infectious diseases, particularly how they impact trade and commerce, travel and the future of industrialized and impoverished nations.

Cross-curricular in nature, *Infectious Diseases in Context* supports curriculums in health, biology, advanced biology and genetics, as well as history, government and the social sciences. This 2-vol. full-color set brings together original essays written by leading experts in the field, primary source documents and sidebars on the cultural, economic and political issues surrounding the topic. The combination of these resources provides insight on leading social issues and spurs critical thinking about the impact of science and disease on daily life and globalization.

THE FIRST SET IN THE NEW "IN CONTEXT" SERIES

Infectious Diseases in Context is the first in Gale's new "In Context" Series, which will include sets on a variety of scientific subjects, including *Scientific Thought in Context* (3/2008), *Climate Change in Context* (6/2008) and *Environmental Science in Context* (11/2008). In addition, this series supports the No Child Left Behind testing mandates that began in the 2007-2008 school year.

A WIDE RANGE OF TOPICS WRITTEN BY EXPERTS

Infectious Diseases in Context contains entries written by global experts in medicine, environmental science, epidemiology and history, including world-

renowned virus hunter Dr. Jack Woodal. A special introduction by Dr. Stephen Berger, director of geographic medicine at Tel Aviv Medical Center, also is included.

Students will appreciate more than 300 color photographs, illustrations, maps and tables that help put the topic into context. Numerous sidebars throughout the text feature Words to Know, biographies of key figures, primary documents and more. *Infectious Diseases in Context* aligns with national science standards, particularly those related to personal and community health, natural and human-induced hazards, global interdependence, health, technology and more. Entries include approximately 250 articles on such topics as:

- AIDS
- Anthrax
- Antibiotic resistance
- Antimicrobial soaps
- Biological weapons convention
- Bioterrorism
- Blood supply and infectious disease
- CDC (Centers for Disease Control and Prevention)
- Climate change and infectious disease
- Developing nations and drug delivery
- Ebola
- Economic development and disease
- Food-borne disease and food safety
- Germ theory of disease
- Globalization and Infectious Disease
- Influenza Epidemic of 1918
- Immune response to infection
- "Mad Cow" disease
- Malaria
- Microbial genetics
- Monkeypox
- Outbreaks: field level response
- Pandemic preparedness
- Personal protective equipment
- Plagues in modern history

- RSV (Respiratory Syncytial Virus Infection)
- Sanitation
- SARS (Severe Acute Respiratory Syndrome)
- Sexually transmitted diseases
- Travel and infectious disease
- Tuberculosis
- Typhoid fever
- United Nations Millennium Goals and infectious disease
- Vaccines and vaccine development
- West Nile
- Women, minorities and infectious disease
- World Health Organization (WHO)
- Yellow fever
- And many more

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All future *In Context* volumes will align with and support national science standards and high school science curriculums across subjects in science and the humanities. They will integrate science with history, politics, ethics, economics and more. Each volume will bring together original essays written by experts and will contain primary source documents and sidebars on cultural and social issues surrounding the topic. A Words To Know section increases the ability of students to understand the reading in context without being overwhelmed by scientific terminology.

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