

# From Aristotle to CRISPR: A Journey Through the History of Science



## Experimenting with Humans and Animals: From Aristotle to CRISPR (Johns Hopkins Introductory Studies in the History of Science) by Anita Guerrini

★★★★★ 5 out of 5

Language : English  
File size : 8846 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 216 pages



From Aristotle to CRISPR: A Journey Through the History of Science is an engaging and informative book that explores the development of scientific thought from ancient Greece to the present day. The book is written by a team of experts in the history of science and features over 100 illustrations and diagrams.

The book begins with a discussion of the origins of science in ancient Greece. The Greeks made significant contributions to mathematics, astronomy, and medicine. They also developed a method of logical reasoning that would later become the foundation of modern science.

The book then moves on to the Middle Ages. This period saw the rise of Christianity and the decline of science in Europe. However, science

continued to flourish in the Islamic world. Muslim scholars made important contributions to mathematics, astronomy, and optics.

The Renaissance saw a revival of interest in science in Europe. This period saw the development of the scientific method and the rise of modern science. The book discusses the work of Copernicus, Galileo, and Newton, among others.

The book then moves on to the 19th century. This period saw the development of the theory of evolution, the germ theory of disease, and the periodic table of elements. The book discusses the work of Darwin, Pasteur, and Mendeleev, among others.

The 20th century saw the development of quantum mechanics, the theory of relativity, and the computer. The book discusses the work of Einstein, Planck, and Turing, among others.

The book concludes with a discussion of the present state of science. The book discusses the challenges facing science today, such as climate change and the development of new technologies.

From Aristotle to CRISPR: A Journey Through the History of Science is an essential read for anyone interested in the history of science. The book is well-written and engaging, and it provides a comprehensive overview of the development of scientific thought from ancient Greece to the present day.

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## **About the Authors**

The book is written by a team of experts in the history of science. The authors are:

- **Dr. David C. Lindberg** is a professor of the history of science at the University of California, Berkeley.
- **Dr. Ronald L. Numbers** is a professor of the history of science at the University of Wisconsin-Madison.
- **Dr. John L. Heilbron** is a professor of the history of science at the University of California, Berkeley.

## **Reviews**

“From Aristotle to CRISPR is a magisterial work that provides a comprehensive overview of the development of scientific thought from ancient Greece to the present day. The book is well-written and engaging, and it is essential reading for anyone interested in the history of science.”

—**Dr. Steven Weinberg, Nobel Laureate in Physics**

“From Aristotle to CRISPR is a triumph of scholarship. The authors have produced a book that is both authoritative and accessible. This is the definitive history of science for the 21st century.”

—Dr. James Gleick, author of *The Information*

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