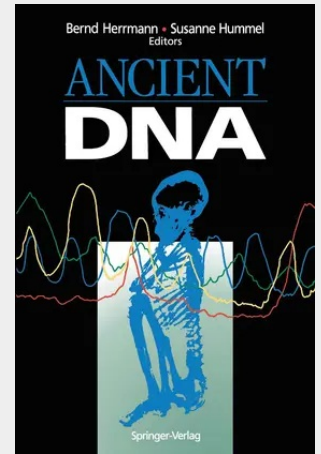


Ancient DNA

Recovery and Analysis of Genetic Material from Paleontological, Archaeological, Museum, Medical, and Forensic Specimens

This book covers one of the most exciting areas in evolution and molecular biology: the study of DNA from specimens up to 40 million years old! Bookstore reps should emphasize that *Ancient DNA* presents the science behind the science fiction in the bestseller *Jurassic Park*.

Ancient DNA refers to DNA which can be recovered and analyzed from clinical, museum, archaeological and paleontological specimens. Ancient DNA ranges in age from less than 100 years to tens of millions of years. The study of ancient DNA is a young field, but it has been revolutionized by the application of polymerase chain reaction technology, and interest is growing very rapidly. Fields as diverse as evolution, anthropology, medicine, agriculture, and even law enforcement have quickly found applications in the recovery of ancient DNA. This book contains contributions from many of the "first generation" researchers who pioneered the development and application of ancient DNA methods. Their chapters present the protocols and precautions which have resulted in the remarkable results obtained in recent years. The range of subjects reflects the wide diversity of applications that are emerging in research on ancient DNA, including the study of DNA to analyze kinship, recovery of DNA from organisms trapped in amber, ancient DNA from human remains preserved in a variety of locations and conditions, DNA recovered from herbarium and museum specimens, and DNA isolated from ancient plant seeds or compression fossils. Ancient DNA will serve as a valuable source of information, ideas, and protocols for anyone interested in this extraordinary field.



128,39 €

119,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780387943084

Medium: Buch

ISBN: 978-0-387-94308-4

Verlag: Springer

Erscheinungstermin: 24.06.1994

Sprache(n): Englisch

Auflage: 1. Auflage 1994. 2. printing 1994

Produktform: Kartoniert

Gewicht: 435 g

Seiten: 284

Format (B x H): 155 x 235 mm

