Genomic Medicine: Articles from the "New England Journal of Medicine"

By Frances S. Collins, Jeffrey M. Drazen, Alan E. Guttmacher, Elias Zerhouni

Johns Hopkins University Press. Paperback. Book Condition: new. BRAND NEW, Genomic Medicine: Articles from the "New England Journal of Medicine", Frances S. Collins, Jeffrey M. Drazen, Alan E. Guttmacher, Elias Zerhouni. "Fifteen years ago, many questioned the wisdom of sequencing the human genome. There were concerns not only about the technical feasibility of such an effort, but also that its scientific worth would prove too modest to warrant the investment of human and financial capital that the project would require. This collection of essays stands as eloquent testimony to those who overcame such doubts to create, nurture, and finish the sequencing of the human genome in April 2003, a date that will forever stand out in human history. The wide and public availability of the human genome sequence and the other tools spawned by the Human Genome Project have helped to create an unparalleled era of biomedical discovery. It has opened up new avenues for the understanding of the biology of human health and disease. Many of these avenues remain to be fully explored, but this volume already demonstrates that information about genetics and genomics is increasingly permeating our clinical approach to patients."-from the Foreword by Dr. Elias Zerhouni

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Genomic Medicine collects and updates an acclaimed series of articles published in the pages of the New England Journal of Medicine since November 2002 that together provide an authoritative and comprehensive overview of the latest developments in the field of medical genetics and an exploration of where these advances might take medicine over the next decade. Beginning with a fundamental primer and a useful glossary of terms, the book offers the latest information on the use of genetics to screen, diagnose, and treat a wide variety of diseases, including breast and ovarian cancer and cardiovascular diseases. The book continues with the latest information on the use of genetics to screen, diagnose, and treat a wide variety of diseases, including breast and ovarian cancer and cardiovascular diseases.