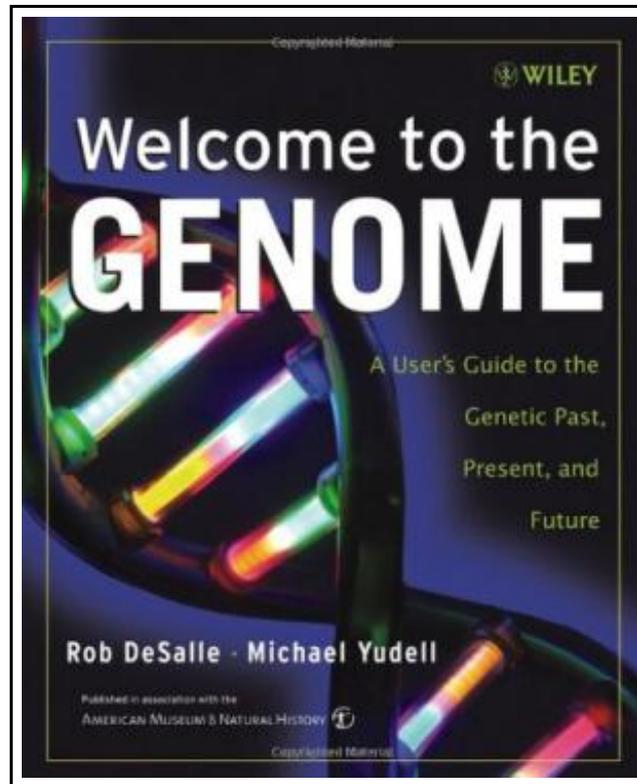# Welcome to the Genome: A User's Guide to the Genetic Past, Present, and Future

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WELCOME TO THE GENOME: A USER'S GUIDE TO THE GENETIC PAST, PRESENT, AND FUTURE

John Wiley and Sons Ltd. Hardback. Book Condition: new. BRAND NEW, Welcome to the Genome: A User's Guide to the Genetic Past, Present, and Future, Rob DeSalle, Michael Yudell, American Museum of Natural History, This is a thrilling "user's guide" to the genomics era Welcome to the genome, the miraculous blueprint of your DNA, coiled tight as a spring in the nucleus of each cell of your body. If unwound, the DNA from just one cell, while only a molecule in width, would stretch six feet in length! The information stored in its double helix structure - three billion bits worth - could fill 142 Manhattan phone books. Yet far more amazing than these facts is the impact the study of genomics has had on so many areas of our lives. From the promise of personalized medicine and gene therapy to disputes over the safety of genetically modified (GM) foods, there is little doubt we are in the midst of the Genomic Revolution. Now how do we make sense of it all? "Welcome to the Genome" takes you right into the thick of today's most cutting-edge science and its far-reaching implications. Authors Rob DeSalle, who curated the highly successful Genomics Revolution exhibit at the American Museum of Natural History in New York, and Michael Yudell, Assistant Professor of Public Health at Drexel University, have written a book, which clearly explains the ongoing saga of our attempts to understand the mystery of biology's Rosetta Stone and use its code to better our lives. This reader-friendly book employs an understandable style and eye-popping full-color illustrations to provide real insights into the complex science involved.It delves into the past discoveries that led to the sequencing of the human genome; it presents the challenges facing today's scientists and society and culture in general; and...

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