Genomic Technologies
Present and Future

Edited by: David J. Galas and Stephen J. McCormack
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The chapters in this book reflect the range of technical advances and their applications that are currently transforming biology. Topics covered include the application of computational methods, the robotics of modern automation methodologies, the new chemical and imaging methods that reveal chromosome structure and elucidate gene function, and the emergence of evolutionary and functional information by comparative genomics. Eminent international scientists describe in detail the new technology necessary to study the entire genome in a holistic manner and all the high throughput and large-scale experimental methodologies currently being used in genomic science. In addition the authors describe the progress of the newest technologies that are currently being developed. Written by experts in the field, this concise yet informative volume covers all aspects of technology pertaining to genomic studies. An essential book for anyone involved in genomic science.


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