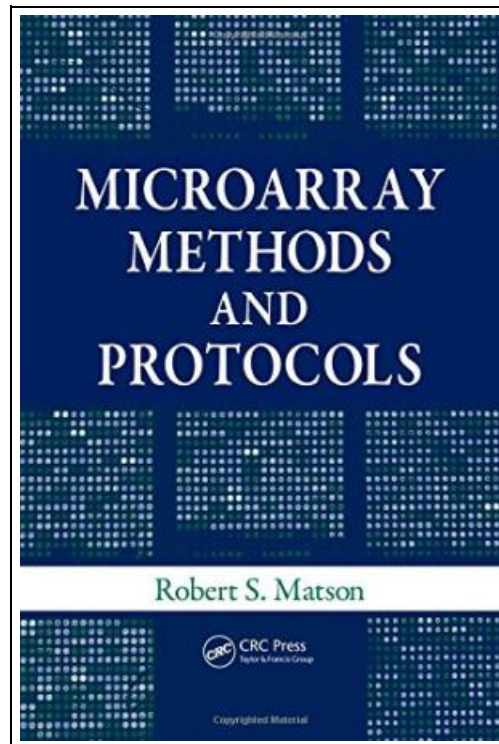


Microarray Methods and Protocols



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Reviews

A very wonderful book with lucid and perfect answers. It is probably the most incredible book i have study. Its been designed in an exceptionally simple way and is particularly just after i finished reading through this publication by which in fact transformed me, alter the way in my opinion.

(Macey Schneider)

MICROARRAY METHODS AND PROTOCOLS



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Taylor Francis Inc, United States, 2009. Paperback. Book Condition: New. 231 x 152 mm. Language: English . Brand New Book. A Step-by-Step Guide to Present and Future Uses of Microarray Technology Microarray technology continues to evolve, taking on a variety of forms. From the spotting of cDNA and the in situ synthesis of oligonucleotide arrays now come microarrays comprising proteins, carbohydrates, drugs, tissues, and cells. With contributions from microarray experts in both academia and industry, Microarray Methods and Protocols is a turn-by-turn roadmap through the processes necessary to perform a successful microarray experiment. This easy to use book addresses the fundamental aspects of preparing and processing microarrays and bead arrays, labeling, and detection. It also includes a detailed How it Works section that discusses the underlying principles of a number of techniques. Troubleshooting guides offer additional advice for the successful performance of more than 100 protocols in 10 chapters that cover work involving nucleic acids, proteins, carbohydrates, and lectins. --Concise and Well-Organized-- With a focus on the preparation and use of microarrays of biomedical relevance, the text describes a variety of microarray formats useful in the assessment of human disease and in genomic and proteomic research. This authoritative resource provides detailed information regarding sample preparation, labeling, array construction processes, substrate chemistry, array printing, and quality control. Originating with the glass microscope slide and biochip, microarray technology is now pressing onward into the nanotechnology frontier. This book is the all-inclusive manual scientists need to take microarray research to the next level of discovery.



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