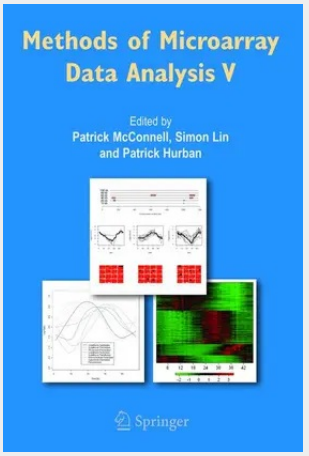
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Methods of Microarray Data Analysis V



As studies using microarray technology have evolved, so have the data analysis methods used to analyze these experiments. The CAMDA (Critical Assessment of Microarray Data Analysis) conference was the first to establish a forum for a cross section of researchers to look at a common data set and apply innovative analytical techniques to microarray data. Methods of Microarray Analysis V includes selected papers from CAMDA'04, and focuses on data sets relating to a significant global health issue, malaria. Previous books focused on classification (V. I), pattern recognition (V. II), quality control issues (V. III), and associating array data with a survival endpoint, lung cancer, (V. IV). The contributions come from research fields including statistics, biology, computer science and mathematics. Part of the book is devoted to review papers, which provide a more general look at various analytical approaches. It also presents some background readings for the advanced topics discussed in the CAMDA papers.

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