

Microarray analysis is a highly efficient tool for assessing the expression of a large number of genes simultaneously, and offers a new means of classifying cancer and other diseases. Gene expression profiling can also be used to predict clinical outcome and response to specific therapeutic agents.

This survey spans recent applications of microarrays in clinical medicine, covering malignant disease including acute leukemias, lymphoid malignancies, and breast cancer, together with diabetes and heart disease.

Investigators in oncology, pharmacology, and related clinical sciences, as well as basic scientists, will value this review of a promising new diagnostic and prognostic technology.

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