2008 Microarray Research Group (MARG Survey): Sensing the State of Microarray Technology

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Abstract:
Over the past several years, there has been enormous growth and evolution in microarray technology and application. In its continued efforts to track this evolution and transformation, the ABRF-MARG has once again conducted a survey of international microarray facilities and individual microarray users. The goal of the survey is to profile the current state of microarrays and to gain insights into new trends in the field. The survey is composed of seven parts: General Section, Microarray Platforms, Service Options and Throughput, Commercial Platforms, Bioinformatics, Data Management, Next Generation Technologies, and Future Directions. Questions for each section addressed instrumentation, protocols, staffing, funding, and work flow in a microarray facility. This is the fifth microarray survey conducted by the ABRF-MARG; the last survey was conducted in 2005. The results of the survey are presented and new trends are discussed. Additionally, the survey was evaluated against past surveys to provide insights into the growth and evolution of the community of microarray researchers. *This abstract does not reflect EPA policy.*