

*An Analysis of the GeneSpring Platform and the Development of a New Dissimilarity Measure for the Clustering of Microarray Data*

Elaine L. Angelino, Scott T. McMichael, Kathleen A. Donohue, William R. Greco

Roswell Park Cancer Institute

We used two separate methods to analyze the NCI-60 Cancer Cell Lines with Drug Treatments data set. The first method involved using a commercial software package, Silicon Genetics' *Genespring*, to perform cluster analysis. For our second method, we created a new dissimilarity measure as a component of our own clustering algorithm.