1056-92-1834 Alice L. Loth* (aloth@umassd.edu). *Biological Data Mining and Analysis*. Preliminary report. The rapid advance in biological knowledge and in technology has led to vast amounts of biological data that is readily available for global, multi-dimensional, visual, functional, and/or statistical analysis. This paper presents some of the techniques, difficulties and benefits of undertaking microarray data analysis. (Received September 22, 2009)