

## THE VALIDATION AND UTILIZATION OF SNPS FOR HUMAN PARENTAGE ANALYSIS

**Jeanine M. Baisch, Ph.D., Cynthia Barceleau, Esperanza Anguiano, Mark Pohl, Christine Filidoro,  
and Robert C. Giles, Ph.D.\***

*Orchid BioSciences*



Orchid BioSciences has developed a panel of SNP markers that can be used to evaluate human parentage. This presentation will discuss the selection criteria used for the generation of the marker set and the basics of the SNP technology used to perform paternity analysis. In addition, much of the discussion will focus on results of experiments performed by Orchid to validate the usefulness and reliability of this panel of markers in an AABB-approved laboratory. The usefulness of this technology on a variety of testing platforms will also be presented.