**Computational Biologist**
Department of Bioinformatics & Computational Biology, Genentech Inc, South San Francisco, CA

**The Position**
The position is in a statistical genetics group responsible for providing analysis support to experimental scientists. Day-to-day responsibilities will include collaborating with experimental scientists to assist them in the design of genetic studies, analysis of data (including quality control, data management) to identify variants/gene contributing to disease susceptibility and treatment outcomes, interpretation of findings, presentation of the work at internal meetings as well as external conferences, and manuscript writing. Data analysis will include: GWAS, linkage, eQTL, differential gene expression analyses, and application of functional genomic annotations (e.g. ENCODE data) and pathways/gene-networks. Focus areas include metabolic, ocular, autoimmune, and neuro-degenerative disorders.

**Who You Are**
Applicant should have a Ph.D. or a Master's degree with significant relevant experience in statistical/human genetics or bioinformatics/computational biology. A record of scientific publications in good journals in these fields, core computational skill necessary to carry out above responsibilities, and strong interpersonal and communication skills are required. The ideal candidate will be well versed in the management and analysis of large datasets, including those derived from SNP arrays, expression arrays, and next-generation sequencing platforms. Clear understanding of the analysis methods involved in large-scale genetic association studies for complex diseases (e.g. correcting for population stratification, imputation of genotypes), familiarity with tools and databases commonly used in genetic data analysis, proficiency in high-level programming languages (e.g. Perl, Python) and statistical computing (R) are highly desirable. Knowledge of molecular biology and experience in biologic interpretation of human genetic data are a plus. Applicant should be highly motivated and demonstrate the ability to collaborate with experimental scientists.