Bioinformatics Scientist-1200006  
  
**Description**  
  
Throughout the 20th century, BASF has played a leading role in agriculture and nutrition. BASF Plant Science (BPS) was founded in 1998 and is represented at seven sites in four countries. With this international network of expertise, BPS is especially well equipped to be a leader in plant biotechnology. We develop sustainable solutions for superior agricultural productivity, better and healthier nutrition and renewable resources. Leadership, creativity, teamwork and passion combined with our unique plant biotechnology expertise are the foundation for our success.  
  
At its location in the Research Triangle Park of NC, BASF Plant Science is seeking a Scientist to join the Data Integration group within the Global Crop Trait Knowledge function.  
- The Scientist will work closely with other researchers, computational biologists and bioinformaticians in providing project management and analysis support for next-generation sequencing data.  
- Key responsibilities will include curation and management of large datasets, gathering end user requirements, developing pipelines/algorithms for processing and analyzing data, conducting independent data analysis and interpretation, and generating reports as per specifications. The scientist will also participate in evaluating current tools and coordinating efforts between the project teams and the Bioinformatics and IT groups to define, validate and implement software for data management and analysis.  
- The Scientist will be expected to be part of trait project teams and contribute towards development of novel strategies.  
  
**Qualifications:**  
BASF recognizes institutions of Higher Education which are accredited by the Council for Higher Education Accreditation or equivalent  
  
  
**Required:**  
- **Education:** PhD in Bioinformatics or Molecular Biology or a related field with 2 years experience in Bioinformatics analysis, MS with 7 years experience or BS with > 10 years experience. Computer Science degrees with the related amount of experience in a biological field may be considered.  
- Experience in one or more areas of computational biology particularly in the area of next generation sequence analysis: RNA-seq, chip-seq, smallRNA, genome sequence assembly and annotations.  
- Capability to define requirements for scientists.  
- Proficiency with Unix and demonstrated experience in use of various bioinformatics and data analysis applications.  
- Strong skills with Perl and/or other scripting/programming languages.  
- Demonstrated skills in performing batch analyses, parsing and interpreting results for trait scientists.  
- Demonstrated ability to work as part of a team and examples of innovative thinking and implementation.  
- Excellent interpersonal and communication skills required. Must be goal oriented, customer focused and able to work in a fast-paced team setting.  
  
**Desired:**  
- Previous experience as a project manager and/or a customer liaison.  
- SQL and knowledge of database design.  
- Understanding of statistical analysis methods.  
- Additional experience in one or more additional areas of computational analyses such as analyzing and interpreting molecular and phenotypic data, profiling data analysis, data integration and visualization, pathway and functional analysis, protein or pathway modeling and systems biology.  
- Knowledge of plant biology, molecular biology and genomics.