

## We are growing, grow with us!

PharmaLex is one of the leading service companies for the Pharmaceutical Industry globally and is specialized in all aspects of drugs and medical devices approval, of the market development and any action of effective product maintenance.

As a PharmaLex company, BioStat Solutions, LLC is a leader in -omics data sciences and a recognized expert in statistical solutions for biomarkers and diagnostics. Our key services include design and implementation of analytical strategies for early research, drug discovery, clinical development, and precision medicine. We are part of the global statistics and data science team within PharmaLex to provide services to the Pharmaceutical Industry worldwide.

We are looking for a talent to join our multi-disciplinary team to make a difference in the lives of others. Are you looking for a dynamic company with daily new challenges and opportunities? Then PharmaLex is your career opportunity!

## Genomic Data Scientist

Level: Multiple levels (e.g., specialist, manager) available  
Location: Frederick, MD, USA (possibility of remote work)

### Your Job

As a genomic data scientist, you will solve challenging problems including, but not limited to, drug target identification and validation, drug repurposing, biomarker discovery, patient stratification, and companion diagnostics.

- Provide strategic planning and perform analysis or simulations independently or in a team
- Identify, evaluate, refine, or recommend statistical/computational methods to answer scientific questions
- Process data and perform statistical analysis of genomics (e.g., GWAS, WGS, WES), transcriptomics (e.g. bulk or single cell RNA-seq), proteomics, immunophenotyping, among others.
- Develop statistical programs, reusable functions (or macros) or pipelines
- Interpret analysis results, identify meaningful findings, and suggest value-added next steps
- Provide technical writing for deliverables such as analysis plans, presentations, reports, and manuscripts
- Communicate with clients and represent company at external meetings
- Train others on knowledge, skills, and tasks as deemed qualified
- Serve in a Project Lead role or a Line Manager when needed

### Your Profile

- Ph.D./M.S. in relevant fields such as computational biology, bioinformatics, computer science, biostatistics
- Excellent problem-solving and self-learning skills
- Excellent written and verbal communication skills
- Proven ability to work independently and in a team environment
- Proven ability to prioritize and balance multiple tasks
- Knowledge in statistical genetics, statistical modeling and methodologies; knowledge in AI/ML is a plus
- Experience in population genetic association studies (experience in family and Mendelian studies is a plus)
- Experience in analyzing large-scale datasets such as biobanks and consortia
- Familiarity with tools (e.g., PLINK, SAIGE, REGENIE, BOLT-LMM, DESeq2, Seurat)
- Experience in integrative multi-omics analysis is a plus
- Proficiency in R programming (familiarity in Python is a plus)
- Domain knowledge in clinical development or precision medicine is preferred

**BioStat Solutions, LLC. is a voluntary equal opportunity employer. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire.**

Please send your resume to [humanresources@biostatolutions.com](mailto:humanresources@biostatolutions.com)