

BG Medicine is a life sciences company focused on the discovery, development and commercialization of novel molecular diagnostics to improve patient care and reduce healthcare costs. BG Medicine discovers biomarkers and develops its diagnostic product candidates using its proprietary, versatile, and scalable technology platform, which integrates the precise measurement and analysis of thousands of proteins, metabolites, and nucleic acids derived from bodily fluids or tissues. This approach to biomarker discovery allows the company to pursue the most promising opportunities unconstrained by biology or specimen type. BG Medicine is leveraging its technology platform in multiple biomarker initiatives and collaborations with leading clinical research centers, major pharmaceutical companies, premier healthcare companies, and the US Food and Drug Administration. For additional information about BG Medicine, please visit our website www.bg-medicine.com.

Position: Manager Biostatistics

The successful candidate will have a strong background in statistics, preferably with experience in the analysis of mass spectrometry data from proteomic or metabolomic platforms and with a commitment to data QC, analysis as well as the application of statistical models. Suitable candidates are encouraged to apply.

Responsibilities:

- Manage a team of biostatistic professionals with expertise in experimental and clinical trial design, statistical analysis, data mining and software development.
- Participate in project coordination among multi-disciplinary project teams.
- Coordinate/oversee basic statistical results from multiple projects.
- Conduct uni- and multivariate power calculations and analysis, customize randomization schemes, monitor data quality, oversee normalization and batch correction.
- Identify biostatistic needs and assess potential value of novel computational methods, define requirements and set priorities for their realization.
- Quality management and assurance relating to biostatistic method R&D and application in biomedical research projects.
- Participate as a member of multidisciplinary teams focused on biomarker discovery and verification.

Requirements:

- M.S., Ph.D. or equivalent combination of education and experience, in statistics or biostatistics.
- 5 years minimum related work experience.
- Proficiency in R/SAS and other programming environments.
- Experience with techniques for the analysis of high-dimensional data.
- Familiarity with the analysis of mass spectrometry data (proteomics and/or metabolomic analysis).
- Background in life sciences or biomarker discovery and validation a plus.
- Excellent interpersonal and communication skills.
- Problem solving skills and strong team orientation are fundamental.
- Proven ability to work in a fast-paced multidisciplinary team environment.

We offer a competitive salary and benefits package. Please send a cover letter along with your resume to employment@bg-medicine.com.