At Assurex the Biostatistician will provide statistical leadership in design, analysis, interpretation, and reporting of clinical trials and predictive modeling of pharmacogenomics data that help build the business. This position is in the Medical Affairs and Clinical Development and reports to the Senior Director of Biostatistics or his designee.

- Participates in development planning of development strategies to ensure study designs are consistent with program objectives and meet regulatory and marketing needs.
- Identifies appropriate statistical methodology needed to meet study objectives.
- Models and mines large healthcare and genomic data sets to generate insights that help improve or develop new products.
- Conducts power and sample size estimation.
- Contributes to decision making on design and data collection ensuring consistency with trial objectives.
- Writes the statistical aspects including the statistical analysis plan of clinical study protocols.
- Appropriately analyzes data and interpret results.
- Prepares reports to effectively communicate results of clinical trials to the project team, senior management, and/or investigators.
- Performs peer review of protocol, statistical analysis plan, trial report, and other major deliverables including publications.
- Conducts research on statistical methodology, find solutions to various technical problems, adapts known methods, and develops new methods.

- Requires a Ph.D./M.S. in statistics/biostatistics
- Ideally with 1+ year of experience in a biotechnology/pharmaceutical environment at the Ph.D. level or 3+ years at the master level
- Proficiency in data cleaning, data mining and data visualization
- Strong programming skills using SAS (required & certification preferred), R, and others
- Experience and knowledge in design, analysis, and reporting of clinical trials
- Strong communication, interpersonal and organizational skills
- Excellent time management, scheduling, and organizational skills
- Ability to manage multiple tasks in a fast-paced environment
- Ability to work effectively under tight timelines and schedules
- Ability to work independently and as a contributing team member
- Ability to sense the importance or impact of issues and situations and take appropriate actions
- Must be flexible, innovative, and self-motivated
- Must have the flexibility to work extra hours to meet corporate and departmental goals

At Assurex the physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is frequently required to sit; talk; or hear. The employee is occasionally required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; and stoop; kneel; or crouch. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision and depth perception.

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