

(Senior) Principal Statistician - Clinical Trial Methodology or Quantitative Decision Science (20667)

The Position

Biostatistics and Data Sciences (BDS) is a global organization with more than 500 employees within the Human Pharma Business Unit. Working in close collaboration with other functions at Boehringer Ingelheim and external vendors we combine methodological and technical data science skills with business and scientific expertise to drive smart, timely and confident decision making at every stage of drug development, approval, and access.

On our journey to transform BDS into a modern data science organization our intent is to create a learning organization in which people develop and deploy leading-edge data science approaches and technologies to actively plan, generate and evaluate evidence that shapes informed decision-making along the value chain.

Join our function Therapeutic Area and Methodology statistics and become part of our global methodology group. Drive user-centric innovations in trial methodology and their accessibility to our business by providing consultancy and solutions to our clinical development teams.

This position can be filled in Germany or USA.

If you want to apply for the position in USA, please use this link: <https://jobs.boehringer-ingelheim.com/job-invite/20955/>

If you want to apply for the position in Germany, Ingelheim or Biberach, please use this link: <https://jobs.boehringer-ingelheim.com/job-invite/20667/>

Tasks & responsibilities

- In your new role, you will closely collaborate with other statisticians and provide statistical-methodological expertise, consultancy, and solutions to complex problems in clinical development with strong focus on phase IIb and III.
- Moreover, you will evaluate innovative, complex statistical methods for efficient and effective clinical trial design, analysis and decision making. By prototyping and developing ready-to-use toolkits, you will drive their implementation, and you will lead and support other statisticians in applying these innovative methods to their clinical studies and development programs.
- You will present and quantitatively illustrate the application of complex statistical concepts to stakeholders like management, external partners, and/or regulatory agencies.
- Furthermore, you will provide statistical-methodological trainings to statisticians and non-statisticians.
- With your expertise, you will lead cross-functional working groups and contribute to industry

Requirements

- PhD or Master of Science in Statistics or Mathematics or related fields e.g. Psychology with several years of experience as a statistician with key contributions in diverse clinical development programs and/or as an academic researcher with relevant publications related to clinical trial methodology or decision science
- Demonstrated, hand-on experience in providing consultation to clinical development teams or planning and conducting experimental designs
- A proven track record in successfully developing, extending, implementing, and providing training on complex and innovative statistical methodologies and concepts
- Advanced scientific background in at least one of the following areas: design of experiments, adaptive and enrichment designs, multiplicity and multiple testing, probability of success / assurance, Go/NoGo frameworks and decision making, statistical techniques for portfolio management, and joint modeling.
- Proficiency in statistical software languages (preferably R, Quarto, Shiny) with experience in

collaborations and partnerships with academic experts and opinion leaders.

- Additionally, you will mentor and guide other colleagues. You will define and supervise the technical and scientific work of interns and students and contribute to their professional journey.

Additional tasks and responsibility for a Senior Principal Position

- On the Senior Principal level, you will plan statistical-methodological consultancy, and provide solutions to complex, partially defined problems with a high level of uncertainty for clinical trials.
- You will identify relevant, innovative statistical methods and initiate their implementation.
- Furthermore, you will plan statistical-methodological trainings and will be an active part of learning communities.
- In Addition, you will lead internal and/or external working groups.

extending and implementing statistical concepts into ready-to use software

- Knowledge of advanced concepts regarding data visualization and data storytelling are a plus
- Good interpersonal and communication skills with a willingness to both: challenge and be challenged
- Demonstrated ability to work effectively with and in global teams
- Fluency in written and spoken English

Additional requirements for a Senior Principal Position

- Extensive understanding of clinical development
- In-depth knowledge in more than two of the following areas: design of experiments, adaptive and enrichment designs, multiplicity and multiple testing, probability of success / assurance, Go/NoGo frameworks and decision making, statistical techniques for portfolio management, and joint modeling

Ready to contact us?

If you have any questions about the job posting or process - please contact our HR Direct Team, Tel: +49 (0) 6132 77-3330 or via mail: hr.de@boehringer-ingelheim.com

We look forward to receiving your online application!