



*Are you looking to work in a global growth company where you can make a real difference? With more than 81,000 associates around the globe in our affiliates in more than 140 countries, we share a vision of a better today and tomorrow for patients – a vision that drives our growth and success. Our greatest job satisfaction is knowing that we improve lives, we extend lives, and we save lives – and we do it with increasing precision and efficiency through breakthrough science and innovation.*

## Expert Statistical Modeler

The **Modeling & Simulation group** is an industry-leading team of highly motivated modelers. We are distinguished by the excellence of our science and by the quality of our day-to-day work. Our objective is to improve current drug development processes by model-based optimization of development strategies, study designs, and data analysis, thereby furthering the advancement of medicine and corporate success.

Currently, we have an opening for an **Expert Statistical Modeler** in Basel, Switzerland, or possibly in East Hanover, NJ. We are looking for a creative individual who wants to grow with us as we invent and apply novel designs for clinical trials, new modeling techniques for interpreting clinical data, and enhanced tools for decision making in development programs.

As a member of our modeling group, together with world-renowned statisticians, pharmacologists, biologists, and medical scientists, you will apply statistical modeling, population pharmacokinetic/pharmacodynamic (PK/PD) modeling, clinical trial simulation, and related techniques. You will support clinical trials and projects with regard to the elaboration and implementation of model-based drug development.

### Requirements

- Ph.D. in Statistics or Mathematics with a minimum of 4 years of relevant experience, or equivalent degree/expertise.
- Experience in statistical modeling and simulation techniques and their application in clinical drug development or similar fields. Knowledge of inferential and exploratory statistical analysis. Knowledge of pharmaceutical and/or physiological sciences.
- Ability to manage multiple projects, understand heterogeneous data.
- Knowledge of Bayesian statistics and its application is a strong plus.
- Knowledge of the drug development process and of health authority guidelines is a plus.
- Medical background and PK/PD knowledge is a plus
- Previous pharmaceutical industry experience is a plus
- Proficient in statistical and modeling software such as SAS, S-PLUS, BUGS, MATLAB, or NONMEM.
- Excellent communication/ presentation and interpersonal skills, including the ability to work in interdisciplinary teams.
- Ability to interact effectively with both management and teams to constructively influence decision-making.

**Some of the criteria above may be relaxed in the presence of excellent scientific skills and/or leadership potential. More junior candidates may be considered for positions commensurate with experience.**

Please apply online through [www.novartis.com/careers](http://www.novartis.com/careers), where this position is posted with the Job ID 8689BR in Switzerland. For further information contact Dr. Hans-Peter Wortha at +41 61 324 82 58, or + 49 7651 97 18 37.



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