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Dear colleague,

We currently have an open position in the biostatistics methodology group at Genentech/Roche in South San Francisco and believe that this is an excellent opportunity for a colleague with a passion for statistical methodology and their application to clinical drug development. If you are interested or if you know of someone who could be interested in such a position, we would very much appreciate if you could reach out to us or forward this information to them. The job description is attached for your reference.

The statistical methodology group – called MCO for “Methods, Collaboration and Outreach” - is a small group within the Roche/Genentech biostatistics organization supporting the biostatistics department and the whole development organization by providing solutions to methodological problems. The group’s mission is to support methodological work within the department, to stimulate innovation within teams and the biostatistics department and to maintain an external network to bring innovation in from the outside. The position comes with great independence and flexibility and provides a real opportunity for having a strong impact on study and drug development teams and the culture within the biostatistics department. Ideally, we are looking for a senior methodological statistician with substantial clinical trial experience, with a passion for statistical methodology and applications, and an excellent network in academia, other companies and health authorities. A very collaborative attitude are also a key requirement for this position.

Please contact Ray Lin at [lin.ray@gene.com](mailto:lin.ray@gene.com) or Uli Burger at [hans\\_ulrich.burger@roche.com](mailto:hans_ulrich.burger@roche.com) if you are interested or have any questions.

We appreciate your help and consideration!

# Senior principal statistical scientist in the statistical methods group

## General Position Summary & Purpose

The Methods, Collaboration and Outreach group (MCO group) is a small global group of senior methodological experts within the biostatistics department with the goal to solve methodological problems arising in drug development and clinical trials, to collaborate with other statisticians, within the biostatistics department and outside, and to reach out to colleagues outside the company in other industry organizations, in academia and health authorities. The MCO group is an important cornerstone of the biostatistics mission of introducing innovation and new methods into drug development.

The principal statistical methodologists are experienced statisticians with a passion for statistical methodology and its applications in clinical trials and beyond. They are inspiring to others and can motivate them to look into statistical methodology beyond standards to drive for the utmost best result. They have a strong collaborative team oriented focus with strong interests to the academic and regulatory world with the ability to link people from different institutions for a common purpose. They finally have substantial experience in drug development in industry with a PHD in biostatistics or a related field.

## Key Accountabilities

### Clinical Development projects

- Support clinical projects and drug development initiatives by providing state of the art statistical methodology. This could be done in various ways by providing consulting, mentoring statistical colleagues, collaboration with project teams or by taking on responsibility for parts of the project.
- Provide statistical leadership for clinical development projects, including providing strategic input into clinical development plans where it is directly affected by statistical methodology
- Provide statistical leadership to the biostatistics department on areas where new statistical methodology should be developed or existing methodology should be applied.
- Provides analytical and strategic leadership for important activities such as personalized healthcare biomarker development, statistical modelling or adaptive and other innovative trial designs.
- Serve as member of business development due diligence efforts.
- Proactively advice teams and functions on the best application of statistical methods including advanced analytics to any data type

- Drive partnership with other analytical functions including PHC CoE, focus on the application of adequate methods and utilize leadership opportunities
- Liaise and collaborate on general methodological problems with external statistical experts in academia, other companies, where there is a common goal, and health authorities

### **People Development and Leadership**

- Mentors other statisticians on request, especially with regard to methodology
- Lead departmental initiatives, especially when such initiatives have a methodological focus
- Be a leader in the application of statistical methodology within the biostatistics department

### **Technical Requirements**

- PhD in Statistics, Biostatistics, Mathematics or similar areas of academic discipline.
- Experience in clinical trials in pharmaceutical industry
- Experience as a lead statistician for a clinical project
- Good knowledge of English in a business environment.
- Experience in using statistical software
- Expertise in applying statistical methods to patient data including methods of advanced analytics and high dimensional data

### **Selection Criteria**

Candidates for this position should hold the following qualifications, have the following experience, and be able to demonstrate the following abilities to be considered as a suitable applicant. Please note that except where specified as "preferred," or as a "plus," all points listed below are considered minimum requirements.

### **Qualifications & Competencies**

- Very good knowledge of theoretical and applied statistics including methods in advanced analytics
- Passion for statistical methodology and its implementation in clinical development
- Passion to collaborate with others inside and outside the company

- Excellent knowledge and experience applying statistical methods to drug development
- Excellent understanding of regulatory guidelines in a pharmaceutical research setting
- Understands and applies business requirements and processes
- Understands and respects cultural differences when interacting with colleagues in the global work place
- Independent working style to accomplish responsibilities
- Excellent communication and collaboration skills (including statistical consulting skills, interpersonal skills to contribute effectively in cross-functional team settings, ability to influence others without authority, ability to build strong collaborative relationships with scientific and non-scientific partners)
- Excellent project management skills (including ability to manage scope and effectively delegate to other functions, staff, contractors and external vendors)
- Excellent strategic agility (including problem-solving and critical thinking skills, ability to drive drug development strategies, agility that extends beyond statistical aspects)
- Excellent drive for results (Demonstrates interest and ability to learn new things, takes initiative, welcomes problems as challenges; finds solutions to technical problems)
- Proficient mentoring other statisticians.
- Experience with all data types including high dimensional data