Human Factors Engineer I or II - Device Development

Job ID: 201907-121424

The Position

Genetech’s Device Development group has an opportunity available for a Human Factors Engineer. Responsibilities of this position include the following:

- Provides human factors engineering expertise to project teams developing combination product drug delivery devices, taking into consideration all aspects of the user, the intended use, the use environment, and the drug therapy being delivered.
- Collins with multi-functional teams including Device Engineering, Regulatory, Clinical, Quality, Marketing, and Program Management to inform and guide development of innovative products and ensure that those products are safe and easy to use.
- As part of product development, conducts human factors engineering activities within device development programs including ethnographic research, requirements definition research, use-related risk analysis, formative usability assessments, and final summative design validation studies.
- Develops instructions for use and training materials for clinical trial and commercial purposes.

Qualifications

The right candidate will possess the following skills and experience. The level of the position will depend on the qualifications of the selected candidate.

- Bachelor’s degree in Human Factors Engineering, Mechanical Engineering, Bioengineering, or related discipline.
- 2+ years of relevant experience in the pharmaceutical, biotech or medical device industry, or an advanced degree in a relevant discipline; 5+ years of experience required for the Engineer II level.
• Ability to write formative and summative usability study protocols and reports, and author human factors summary reports consistent with health authority expectations. This experience is required for the Engineer II level.
• Ability to work cross-functionally on risk management activities.
• Ability to design instructions for use (IFU) documents and training materials for medical devices/combination products and conducting usability testing of them. This experience is required for the Engineer II level.
• Experience interfacing with external consultancies, or as part of an external consultancy team that supports the design and development of new medical devices is required for the Engineer II level.
• Demonstrated ability to analyze data, including knowledge and proficiency with basic statistics.
• Proven ability to clearly communicate how study results can be implemented into design.
• Working knowledge of relevant human factors, design controls, and risk management regulations, standards, and guidances for medical devices and combinations products preferred.
• Ability to communicate effectively in writing, verbally, and as a presenter.
• Demonstrated time management, decision making, presentation, and organization skills.
• Strong interpersonal skills and the ability to collaborate actively and proactively with others in a cross-functional team.
• High level of initiative and ability.

#LI-PTD-JM1

Who We Are

A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 40 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. Genentech has multiple therapies on the market for cancer & other serious illnesses. Please take this opportunity to learn about Genentech where we believe that our employees are our most important asset & are dedicated to remaining a great place to work.

Genentech is an equal opportunity employer & prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, disability, marital & veteran status. For more information about equal employment opportunity, visit our Genentech Careers page.