

Intern - Biomarker

Job ID: 00414121

Job Function

Development

Schedule

Full-time

Location

United States-California
South San Francisco

Job type

Internship / Student

Company/Division

Pharmaceutical

Job Level

Entry Level

Who We Are

At the Roche Group, about 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 30 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. The headquarters for Roche pharmaceutical operations in the United States, Genentech has multiple therapies on the market for cancer and other serious illnesses. Please take this opportunity to learn about Genentech, where we believe that our employees are our most important asset and are dedicated to remaining a great place to work.

The Position

The Biomarker team in Early Development has an opening for a summer intern.

Responsibilities may include but are not limited to the following:

Evaluate and develop methods for capture and molecular characterization of circulating tumor cells (CTCs) .

1- develop methods for identification of CTCs of epithelial and non-epithelial origin, and algorithms for automatic detection of CTCs.

2- evaluate diagnostic markers on CTCs using imaging methods (IF, ICC).

3- develop methods to isolate single CTCs and evaluate downstream molecular analysis platforms.

Who You Are

Ideal candidate is a MS or PhD student who has a strong interest in new technologies and

technology development and has an interest in industry.

- 1- Experience in cellular imaging: immunofluorescence, ICC, image analysis.
- 2- Familiarity with molecular pathways of tumor biology and cancer diagnostics
- 3- Experience with circulating tumor cells highly desirable.

Genentech is an Equal Opportunity Employer.