

Intern - Small Molecule Process Chemistry - Synthetic Chemistry

Job ID: 201812-131047

Job Function

Internship

Schedule

Full time

Location

United States of America - California
South San Francisco

Job type

Temporary (Fixed Term)

Company/Division

Pharmaceuticals

Job Level

Entry Level

The Position

Internship Start Date: Summer 2019

Length of Assignment: 12 weeks

Work Hours: 40 hours per week

Genentech is seeking top-tier undergraduate students in chemistry, chemical biology, chemical engineering, and related fields who have an interest in organic synthesis for 10-12 week paid summer internships in our process chemistry group (up to 4 positions).

Individually assigned projects may include development of methodology for organometallic transformations, new reactions, and biocatalysis.

In addition to close mentorship from Genentech researchers, interns will gain valuable exposure to drug discovery and state-of-the-art pharmaceutical process research and development in our South San Francisco, CA, laboratories.

Duties will include:

- a) Routine synthetic organic experiments to identify, isolate and purify organic compounds
- b) Detailed optimization of reaction conditions
- c) Thorough recording of experimental details using electronic notebook software
- d) Collection of characterization data for starting materials, intermediates and products
- e) Adherence to all of Genentech's guidelines and rules, including safety practices
- f) Contribution to forthcoming publications in peer-reviewed journals
- g) Communication of research results in periodic written and oral presentations

Requirements

The ideal candidates will have completed at least 2 years of university education, including sophomore organic chemistry and related coursework. Strong preference will be given to students with significant experience within an academic or industrial synthetic organic research group (e.g. a full academic year or prior summer rotation). Other valuable skills

include knowledge of compound identification by NMR and mass spectrometry; purification and isolation techniques such as HPLC and silica gel column chromatography; familiarity with proper handling techniques for moisture and air sensitive chemicals. Candidates may be asked to provide authorization to work in the United States.

Applicants should submit a CV or resume, including a brief description of any prior hands-on research experience. Interviews will be conducted on a rolling basis beginning in January 2019 and all offers will be extended by March 15, 2019.

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](#).