



Research Scientist I, Computational Chemist/Modeling and Informatics

Vertex Pharmaceuticals is seeking a highly motivated computational chemist to join Vertex's research site in San Diego, California. This individual will be responsible for contributing to both lead identification and optimization programs using methods encompassing all computational aspects of drug discovery. In addition to molecular modeling, this individual will work together with the entire Modeling and Informatics group at Vertex to provide expertise in data analysis, bioinformatics and methods development.

Responsibilities include:

- Collaborating with scientists at our San Diego drug discovery site and across our network to maximize the impact of computational efforts on projects
- Ensuring effective interdepartmental communication and implementation of in-silico work streams related to drug discovery
- Working with our internal methods development group to develop and deploy relevant software tools to drug discovery teams

Minimum Education Qualifications

A Ph.D. (or equivalent) in Computational Chemistry or a related discipline

Minimum Experience and Skills Qualifications

- Experience in applying molecular modeling methods to structure, ligand and fragment-based drug discovery
- Expert knowledge of the state-of-the-art for computational chemistry and its application in drug discovery
- Experience with commercial molecular modeling and data mining software
- Excellent oral and written communication skills

Preferred Qualifications

- 0-2 years of pharmaceutical or biotech experience demonstrating a strong understanding of drug design/discovery principles
- Expertise with a wide array of computational methods preferably including structure and ligand-based virtual screening, programming, statistics, data analysis, QSAR derivation and application, and ADME modeling

To apply go to: [7552BR : Research Scientist I](#) or <http://careers.vrtx.com/> requisition #7552BR.

Vertex is a global biotechnology company that aims to discover, develop and commercialize innovative medicines so people with serious diseases can lead better lives. In addition to our clinical development programs focused on cystic fibrosis, Vertex has more than a dozen ongoing research programs aimed at other serious and life-threatening diseases.

Founded in 1989 in Cambridge, Mass., Vertex today has research and development sites and commercial offices in the United States, Europe, Canada and Australia. For four years in a row, Science magazine has named Vertex one of its Top Employers in the life sciences. For additional information and the latest updates from the company, please visit www.vrtx.com.