About Global Blood Therapeutics

GBT is a drug discovery company, developing break through therapies for sickle cell disease and other blood-based disorders. The company was founded in March 2010 and is backed by Third Rock Ventures. GBT's corporate offices are currently in Mission Bay, San Francisco and its research facilities are in South San Francisco.

We are a Series A company projecting to grow to 25 by year-end 2012. Our senior staff includes CEO and BOD member Mark Goldsmith, CTO Craig Muir, CSO (acting) Brian Metcalf, VP Chemistry Steve Gwaltney, VP Biology (Open), Senior Director Business Development and Business Operations Christine Siu, CFO (consultant) Asha Rajagopal, HR (consultant) Kathy Stafford. BOD members include Kevin Starr and Charles Homcy.

Position
Principal Scientist/Associate Director/Director, Computational Sciences
(level will depend on individual's qualifications and experience)

Reporting to
Steve Gwaltney
VP, Chemistry

Location
South San Francisco

Position Summary
Utilize expertise in protein structure/function, computational methodologies and structure-based drug design to advise project teams and the scientific leadership of the company; influence project selection and strategy ultimately resulting in the discovery of small molecule clinical candidates

Roles/Deliverables
- Functions as an influential project team member; guides the direction of compound design strategies in projects
- Serves as an expert in the evaluation of protein constructs, crystal structures and other structural biology data
- Investigates the protein dynamics of systems through the integration of computational and experimental techniques
- Evaluates homology of various proteins; may develop homology or pharmacophore models for use by project teams
- Conducts high-level calculations for project teams
- Contributes to the conception, evaluation and initiation of new projects
- May develop ADMET predictive tools for use by scientists from multiple disciplines

- Maintains a current understanding of computational science literature and methodology, as well as the scientific literature related to specific drug discovery projects
- Demonstrates inter-disciplinary knowledge of drug discovery (e.g., chemistry, enzymology, cellular pharmacology, pharmacokinetics) and is able to use this knowledge to influence project strategy
- Develops and contributes to company's intellectual property domain by way of patents and/or publications
- Prepares and organizes data for presentations; presents written and oral reports; may communicate research efforts to collaborators and corporate partners or at scientific meetings
- May lead a group or project

Qualifications

Skills, knowledge, experience, and track record of success
- PhD in a relevant field such as Computational, Physical, or Theoretical Chemistry; Molecular Biophysics; or Computational Biology with at least 5 years of experience in a biotech or pharmaceutical company
- Experience with iterative structure-guided compound optimization
- Experience programming in Perl, Python, C, Fortran, Java or C++
- Experience in the following areas: protein binding site analyses, computation of protein-ligand binding affinities, high-throughput 3D pharmacophore and/or docking algorithms, homology modeling, ab initio calculations, molecular dynamics simulations, development of QM/MM models
- Strong oral and written communications skills
- Strong publication record
- Track record of impact on successful drug discovery program(s)

Drive, desire, motivation
- Ability to thrive in a fast-paced, entrepreneurial environment with high performing colleagues
- Proactive

Fit with GBT culture
- Ability to build strong relationships with co-workers of various backgrounds and expertise
- Ability to function at a high level in a team setting whether leading the group or acting as an individual contributor
- Excitement about the vision and mission of GBT
- Integrity
- Values-based leadership
- Flexibility