Scientist, Proteomics

Who we are:
Calico is a research and development company whose mission is to harness advanced technologies to increase our understanding of the biology that controls lifespan. We will use that knowledge to devise interventions that enable people to lead longer and healthier lives. Executing on this mission will require an unprecedented level of interdisciplinary effort and a long-term focus for which funding is already in place.

Position description:
Calico is seeking an experienced Scientist to join the mass spectrometry proteomics group. To succeed, you will need to be an enthusiastic team player, detail-oriented, organized and comfortable working on complex problems. The work will involve a multiple mass spectrometry based analyses including investigation of post-translational modifications. You will work with many different sample types, optimize and develop sample preparation and mass spectrometry methods, and be responsible for various research projects. The position will also involve working on collaboration projects as part of the proteomics core. The position is ideal for someone who excels at wet lab but also has some computational biology training.

Responsibilities:
- Prepare samples from tissues, cells, and biofluids including blood, CSF and urine
- Optimize and develop new sample preparation methods for PTMs
- Maintain and troubleshoot instruments including HPLCs, mass spectrometers and other bioanalytical equipment
- Analyze data to share with collaborators
- Lead method development projects for LC-MS

Position requirements:
- PhD, in biochemistry/chemistry/biology or related field
- Minimum 3 years technical experience post PhD: post-doctoral or industry
- Experience in method development for HPLC and/or mass spectrometers
- Experience in maintaining and troubleshooting HPLCs and mass spectrometers
- Experience in sample preparation and method development for proteomics
- Experience in method development for enrichment of PTMs
- Experience in immunoprecipitation valued but not required
- Experience in glycoproteomics/glycomics valued but not required
- Experience in R/Matlab/Python valued but not required
- Detail-oriented and organized
- Strong teamwork and communication skills
- Self-motivated with a “can-do” attitude is required for success
- Flexible, able to respond quickly to shifting priorities and able to multitask