



CAREER IN PROTEOMIC BIOINFORMATICS

St. Jude Children's Research Hospital (SJCRH), a premier center for biomedical investigation located in Memphis, Tennessee, USA, is expanding and developing its program in **proteomics and mass spectrometry**. The hospital is seeking individuals to contribute to this effort that will interface with the many world-class research programs within the institution. SJCRH is a hospital and basic research institute that focuses on the fundamental causes and treatment of catastrophic childhood diseases including cancer, infectious diseases and genetic disorders, ranked as a top pediatric cancer hospital by *U.S. News & World Report*. St. Jude has also been recognized for the third consecutive year by FORTUNE magazine as one of the "**100 Best Companies to Work For**".

The hospital includes some 150 basic and clinical investigators in diverse departments, including Biochemistry, Chemical Biology and Therapeutics, Developmental Neurobiology, Genetics and Tumor Cell Biology, Hematology, Oncology, Immunology, Infectious Diseases, Pathology, Pharmaceutical Sciences and Structural Biology. SJCRH is the first and only **NCI-designated Comprehensive Cancer Center** that is devoted solely to children, and additionally receives substantial support through the fund-raising efforts of the **American Lebanese Syrian Associated Charities (ALSAC)**.

St. Jude Proteomics facility provides SJCRH investigators with state of the art proteomics services, including intact protein mass measurement, identification of proteins and post-translational modifications, as well as large-scale quantitative proteomics. Services also include extensive consultation in experimental design, sample processing, data acquisition and interpretation. Since 2002 the facility has supported nearly 80 principal investigators and contributed to more than 100 publications. The proteomics facility consists of six mass spectrometers including the latest LTQ Orbitrap instruments (e.g. Velos and Q Exactive), and is also provided with additional funds to expand services and to purchase new instruments.

We have new and exciting opportunities for individuals with expertise in bioinformatics (Job number 31742 in proteomics , and Job number 31709, a joint position of computational biology and proteomics). For specific job requirements and to apply, please visit our Web sites, https://jobs.stjude.org/CSS_External. St. Jude provides a highly competitive wage and fringe benefit package.