

**Siqi Liu**, Ph.D. is the Director of the Proteomic Analysis Center at Beijing Institute of Genomics, Chinese Academy of Sciences since 2003 and is also a Visiting Professor in the Department of Medicine at the University of Louisville, Kentucky. He serves as the Beijing Genomics Institute (BGI) board member, which is one of the largest genomics center in the world. Professor Liu received his Ph.D. degree formolecular biology and biochemistry from the University of Texas in 1994. He has always focused on studying the regulation mechanisms of gene expression, gene products, and the relationship between protein structures and their functions, especially for the cancer-related ones. Over ten research projects are being undertaken and more than 70 papers were published in the international high-quality journals from his laboratory.

Closely working with other three professors, Professor Liu became one of founders to establish BGI in 1998, mainly in charge of proteomics research. During last decade, he has actively participated in many genomics projects, such as human genome project, hybrid rice genome and cancer genomics. He is an active scientist working in proteomic frontier, and his laboratory is a key member to partake in human liver proteome project and the project of mass data annotation. Professor Liu fully realizes how important the post-translational modified proteins function. He has carried out a project to generate the monoclonal antibodies recognizing the site-specific modified proteins, and to develop the affinity techniques for enrichment of the modified proteins. Also his group is developing the bioinformatical means to effectively annotate the MS/MS data upon the accuracy mass spectrometry and to create databases of the differential and the quantitative proteomics.