A postdoctoral research associate position is available for a highly motivated scientist to perform research on protein interactions in human cells using mass spectrometry and proteomics. The project involves developing and applying novel chemical cross-linking strategies and accurate mass-based protein ID methodology for large-scale mapping of protein interactions in living cells. The relevant skills for this project include design and synthesis of novel chemical cross-linkers, multi-dimensional LC separation techniques, protein identification with improved mass accuracy and throughput, validation of protein interactions using molecular biology and biochemical methods, etc. Candidates must have a Ph.D. in chemistry, biochemistry or biological sciences with significant training and hands-on expertise in biological mass spectrometry and proteomics technologies. Candidates with demonstrated LC/FTICR-MS experience will be preferred. Candidates must have a strong publication record in peer-reviewed journals, excellent oral and written communications skills in English, and team work ability. Previous experience in organic synthesis, molecular biology, cell biology, or biochemistry is highly desired. Applications require electronic submission of a cover letter describing candidate experience and career goals, a CV and three reference letters to proteomics.uw@gmail.com. Competitive salary (commensurate with experience) and fringe benefits including health insurance are included within this position. The University of Washington is an equal opportunity, affirmative action employer. To request disability accommodation in the application process, contact the Disability Services Office at 206.543.6450 / 206.543.6452 (tty) or dso@u.washington.edu