

Robert Moritz, PhD: Dr. Robert Moritz is Faculty member, Professor, and Head of Proteomics Research at the Institute for Systems Biology (ISB) in Seattle, Washington, USA. He began his full-time career at the Ludwig Institute for Cancer Research, Melbourne, Australia from 1983 to 2008 and received his PhD from the University of Melbourne in Biochemistry. He moved to the ISB as a faculty member in 2008. The Moritz group develops and applies cutting edge proteomics technologies to biomarker analysis of wellness and ageing, disease biomarkers for early detection of cancer and a number of infectious disease pathogens. The Moritz group is the primary developer of the world-renowned Trans-Proteomic Pipeline proteomics software tools for statistical validation of proteome identifications, protein crosslinking analysis with Kojak and many online resources for quantitative proteomics. His group developed the complete Human PeptideAtlas, SRMATlas, SWATHAtlas and related software routines to provide quantitative resources and repositories of mass spectrometric assays to all proteins. Dr. Moritz has published more than 260 research articles, a number of book chapters, and holds multiple patents. Dr. Moritz is currently the co-Chair of the Human Proteome Project (HPP) and was previously Vice-President of the Human Proteome Organization (HUPO) where he plays a large role in growing the society. He guides several scientific journals as part of the Journals boards and is a member of a number of scientific advisory boards to life-science companies. Dr. Moritz is active in teaching and dissemination of proteomics technologies, fosters education exchanges and create forums for collaborative relationships centered on the proteome.