

Summary/Conclusion: Our global protein expression database for CLL cells is thus the most complete database of its type. By combining advanced computational biology to relate protein expression to whole genome sequencing data, the database will provide a framework for elucidating the effect of genomic alterations on protein expression. The construction of this comprehensive CLL database also provides the platform for applying SWATH/MS-based analysis of individual patient samples to identify novel drug targets and predictive biomarkers of disease progression and treatment response.

Keywords: Chronic lymphocytic leukemia, Proteomics