

Proteomics

Proteomics is a branch of biotechnology that applies the techniques of molecular biology, biochemistry, and genetics to study proteins, how they are modified, their structure, function, and interactions with one another. The goal of proteomics is to obtain a more global and integrated view of biology by studying all the proteins of a cell or tissue rather than each protein individually. Study methods include looking at protein-protein interaction, protein modifications, protein function, and protein localisation.