

Proteomics: The Good, the Bad, and the Future of this Field

Proteomics is a discipline that includes the large-scale study of proteins. The proteins may be studied from a basic science perspective or a clinical one, i.e. proteins that are associated with a broad range of diseases and conditions. Proteins are investigated for their expression levels, their number of proteoforms, their post-translational modifications (PTMs), and their stable or transient protein-protein interactions. Here, we describe a proteomics workflow and focus on the advantages and disadvantages of using proteomics, with special emphasis on what we need to do to improve the quality of the outcomes in a proteomics experiment.

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Parent Session

[Bioanalytical and Pharmaceutical Analysis - Tradition and Innovation \(On-Demand\)](#)