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Computational proteomics: designing a comprehensive analytical strategy

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Highlights

- Proper combination of proteomics with bioinformatics is highly synergistic
- Appropriate experimental design is needed for proper bioinformatics analysis
- Enhanced resolution renders proteomics suitable for functional studies
- New discovery paradigms can lead to novel drug targets/biomarkers

The proper combination of proteomics with bioinformatics is highly synergistic, capable of propelling proteomics into a truly high-throughput platform. However, appropriate experimental design and analytical considerations are needed to maximize analytical outcome. This review

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