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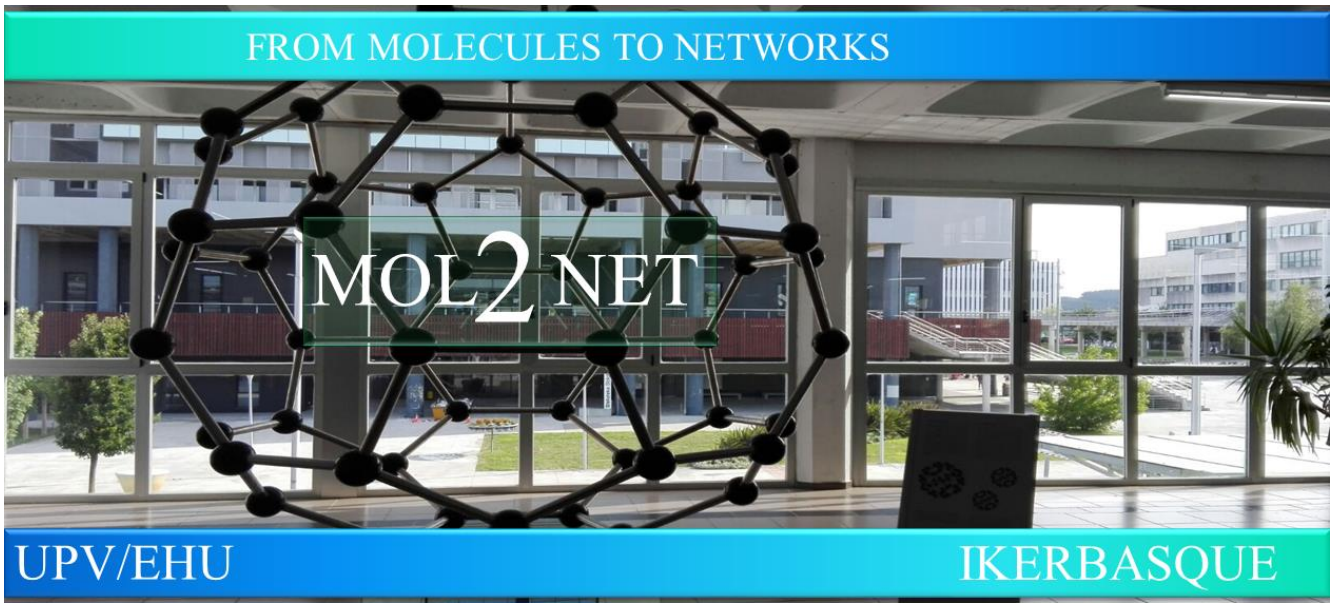

Bioinformatic tools for proteomic data analysis

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Abstract.

Quantitative proteomics research has demonstrated to be essential to understand how biological systems work at a molecular level. However, the bioinformatic analysis and processing of this enormous amount of data for meaningful biological and functional interpretation remains to be challenging. Here, we will discuss various current standardized methods and strategies for bioinformatic analysis, and we will highlight some available software programs, computational tools, and meta-analysis resources for proteomic data analysis.

Keywords: *proteomics; bioinformatics; molecular biology, data analysis*

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