

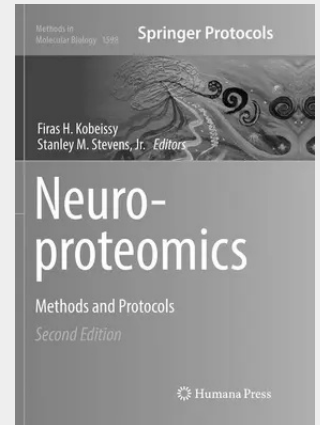
Neuroproteomics

Methods and Protocols

This new edition provides updated and novel protocols of neuroproteomics methods that encompass both global-scale as well as targeted and specialized topics, which are timely additions for the molecular and phenotypic analysis of the central nervous system and CNS-related disorders. The detailed contents of this book include the exploration of several exciting areas of advanced methods used for neuroproteomics research including relative and absolute protein quantitation by mass spectrometry, characterization of post-translational modifications, as well as bioinformatics and computational approaches. Written for the highly successful *Methods in Molecular Biology* series, methodology chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible protocols, and tips on troubleshooting and avoiding known pitfalls.

Updated and accessible, *Neuroproteomics: Methods and Protocols, Second Edition* serves researchers and clinical scientists involved in the area of biomarker research and protein biochemistry, as well as molecular biologists and biochemists who have been involved in proteomics research already or even for those new to the field.

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