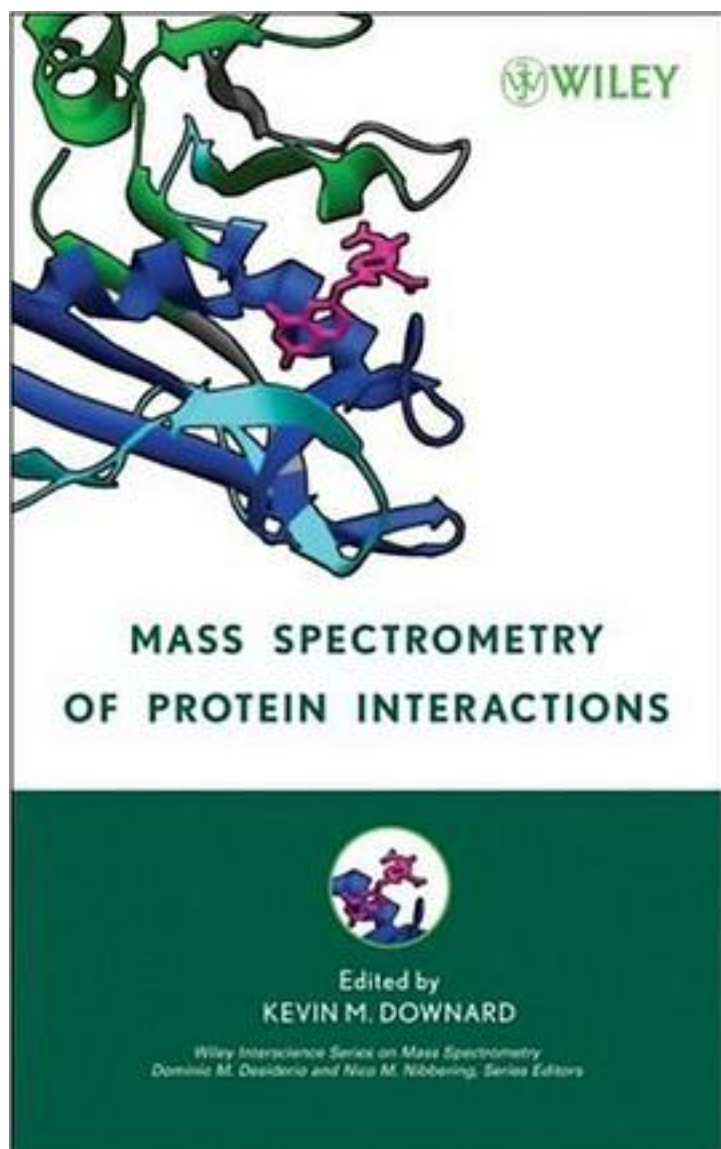


Mass Spectrometry of Protein Interactions



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著者:Downard, Kevin 编

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The authoritative guide to analyzing protein interactions by mass spectrometry

Mass spectrometry (MS) is playing an increasingly important role in the study of protein interactions. Mass Spectrometry of Protein Interactions presents timely and definitive discussions of the diverse range of approaches for studying protein interactions by mass spectrometry with an extensive set of references to the primary literature. Each chapter is written by authors or teams of authors who are international authorities in their fields. This leading reference text:

- *Discusses the direct detection of protein interactions through electrospray ionization (ESI-MS); ion mobility analysis; and matrix-assisted laser desorption/ionization (MALDI-MS)

- *Covers the indirect analysis of protein interactions through hydrogen-deuterium exchange (HX-MS); limited proteolysis; cross-linking; and radial probe (RP-MS)

- *Guides researchers in the use of mass spectrometry in structural biology, biochemistry, and protein science to map and define the huge number and diversity of protein interactions

- *Reviews the latest discoveries and applications and addresses new and ongoing challenges

This is a comprehensive reference for researchers in academia and industry engaged in studies of protein interactions and an excellent text for graduate and postgraduate students.

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