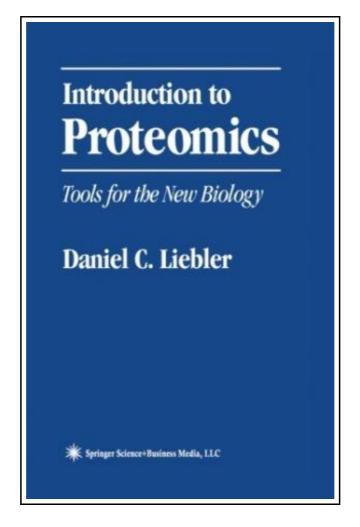
# **Introduction to Proteomics**



Filesize: 5 MB

# Reviews

Unquestionably, this is the best operate by any author. It is among the most amazing pdf i actually have read. Its been designed in an remarkably basic way which is just right after i finished reading this pdf by which basically altered me, change the way i believe.

(Harold Spencer)

### INTRODUCTION TO PROTEOMICS



Book Condition: New. Publisher/Verlag: Springer, Berlin | Tools for the New Biology | Daniel C. Liebler masterfully introduces the science of proteomics by spelling out the basics of how one analyzes proteins and proteomes, and just how these approaches are then employed to investigate their roles in living systems. He explains the key concepts of proteomics, how the analytical instrumentation works, what data mining and other software tools do, and how these tools can be integrated to study proteomes. Also discussed are how protein and peptide separation techniques are applied in proteomics, how mass spectrometry is used to identify proteins, and how data analysis software enables protein identification and the mapping of modifications. In addition, there are proteomic approaches for analyzing differential protein expression, characterizing proteomic diversity, and dissecting protein-protein interactions and networks. | I. Proteomics and the Proteome1 Proteomics and the New Biology2 The Proteomell. Tools of Proteomics3 Overview of Analytical Proteomics4 Analytical Protein and Peptide Separations5 Protein Digestion Techniques6 Mass Spectrometers for Protein and Peptide Analysis7 Protein Identification by Peptide Mass Fingerprinting8 Peptide Sequence Analysis by Tandem Mass Spectrometry Protein Identification with Tandem Mass Spectrometry Data10 SALSA: An Algorithm for Mining Specific Features of Tandem MS DataIII. Applications of Proteomics11 Mining Proteomes12 Protein Expression Profiling13 Identifying Protein-Protein Interactions and Protein Complexes14 Mapping Protein Modifications15 New Directions in Proteomics | Format: Paperback | Language/Sprache: english | 235 gr | 198 pp.



**Read Introduction to Proteomics Online** 



## **Related PDFs**



### Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

Save Document »



#### Big Book of Spanish Words

Usborne Publishing Ltd. Book Condition: New. Suitable for young language learners, this book includes over a thousand words of basic Spanish vocabulary. A picture associated with each word aids learning, there is a bilingual word...

Save Document »



#### Big Book of German Words

Usborne Publishing Ltd. Book Condition: New. Suitable for young language learners, this book includes over a thousand words of basic German vocabulary. A picture associated with each word aids learning, there is a bilingual word...

Save Document »



#### Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

Save Document »



# Fifth-grade essay How to Write

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 272 Publisher: one hundred Press Pub. Date: 2008-10-1. Contents: The first semester...

Save Document »