



Advancements of Mass Spectrometry in Biomedical Research [

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Springer International Publishing,
2019

Mass spectrometry Proteomics Biomedical engineering Mass Spectrometry Biomedical Engineering/Biotechnology Biomedical Engineering and Bioengineering

Monografía

This volume explores the use of mass spectrometry for biomedical applications. Chapters focus on specific therapeutic areas such as oncology, infectious disease, and psychiatry. Additional chapters focus on methodology, technologies and instrumentation, as well as on analysis of protein-protein interactions, protein quantitation, and protein post-translational modifications. Various omics fields such as proteomics, metabolomics, glycomics, lipidomics, and adductomics are also covered. Applications of mass spectrometry in biotechnological and pharmaceutical industry are also discussed. This volume provides readers with a comprehensive and informative manual that will allow them to appreciate mass spectrometry and proteomic research, but also to initiate and improve their own work. This book acts as a technical guide as well as a conceptual guide to the newest information in this exciting field

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Título: Advancements of Mass Spectrometry in Biomedical Research Recurso electrónico] edited by Alisa G. Woods, Costel C. Darie

Edición: 2nd ed. 2019

Editorial: Cham Springer International Publishing 2019

Descripción física: XXI, 813 p. 362 il., 310 il. col

Mención de serie: Advances in Experimental Medicine and Biology 1140

ISBN: 9783030159504 9783030159498 9783030159511 9783030159528

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