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Methods and Approaches to Mass Spectroscopy-Based Protein Identification; 4.1 Introduction; 4.2 MS
4.3 Sample Preparation4.4 Protein Identification; 4.5 Linking Mass Spectra with Proteins; 4.6 Validation of MS Data; 4.7 Conclusions; 5 Bioinformatics in Animal Proteomics; 5.1 Introduction; 5.2 Methods; 5.3 Future Trends; 5.4 Sources of Further Information; 6 Comparative Proteomic Approaches; 6.1 Global Study of Proteins; 6.2 Approaches to Characterize the Proteome; 6.3 Quantitative Proteomics; 6.4 Bioinformatics and Biostatistics; 6.5 Future Prospects; 7 Advancing Technologies for Spatial and Temporal Proteomics; 7.1 Introduction; 7.2 Investigating the Spatial Proteome
7.3 Temporal Proteomics7.4 Case Study: Spatial and Temporal Profiling in the Chicken; 7.5 Combining Spatial and Temporal Proteomics; 7.6 Recent Developments in Animal Proteomics; 7.7 Future Trends; 7.8 Conclusions; 7.9 Sources of Further Information; Section 2: Applications of Proteomics in Animal Biology; 8 Proteomic Strategies to Investigate Adaptive Processes; 8.1 Introduction; 8.2 Hibernation Physiology and Behavior; 8.3 Sampling Strategy; 8.4 Sample Collection and Storage; 8.5 Design and Execution of a Quantitative Proteomic Experiment; 8.6 Conclusion
9 Investigation of Animal Venoms and Toxins9.1 Introduction; 9.2 Natural Bioresources; 9.3 Pharmaceutical Success Stories; 9.4 The Methods in Toxin Sequencing; 9.5 Reducing Complexity by Chromatography; 9.6 Bioassay Considerations; 9.7 Classical Edman; 9.8 Overview of MS Methods for Chemical Prospecting; 9.9 Soft Ionization Methods; 9.10 Common Mass Analyzers for Peptide Analysis; 9.11 Information Obtained from Different MS Systems; 9.12 Cloning Studies; 9.13 New Developments and Future Trends; 9.14 Conclusions; 9.15 Other Sources of Information; 10 Proteomics in Animal Health and Disease
10.1 Introduction

Sommario/riassunto

The study of proteomics provides researchers with a better understanding of disease and physiological processes in animals. Methods in Animal Proteomics will provide animal scientists and veterinarians currently researching these topics in domestic animals a firm foundation in the basics of proteomics methodology, while also reviewing important advances that will be of interest to established researchers in the field. Chapters will provide practical information on a range of topics including protein identification and separation, bioinformatics, and applications to disease and reproduct

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ISBN	9781474201629 1474201628 9781782254720 1782254722
Descrizione fisica	1 online resource (xxxviii, 301 pages) : illustrations
Collana	Studies in international law ; ; v. 62
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Nota di contenuto	Economic sanctions and international law: an introduction -- Matthew Happold -- Sanctions and fundamental rights of states--the case of EU sanctions against Iran and Syria -- Alexander Orakhelashvili -- Unilateral European sanctions as countermeasures--the case of the EU measures against Iran -- Pierre-Emmanuel Dupont -- State reactions to illegal sanctions -- Richard Kelly and Matthew Hamlyn, Antonios Tzanakopoulos -- Targeted sanctions and human rights -- Matthew Happold -- UN smart sanctions and the UN declaration on the rule of law -- Clemens A Feinugle -- United Nations targeted sanctions, human rights and the office of the ombudsperson -- Paul Eden -- Sanctions cases in the European courts -- Luca Pantaleo -- United States sanctions--delisting applications, judicial review and secret evidence -- Rachel Barnes -- Sanctions and commercial law -- Penelope Nevill.
Sommario/riassunto	"In recent years sanctions have become an increasingly popular tool of foreign policy, not only at the multilateral level (at the UN), but also regionally (the EU in particular) and unilaterally. The nature of the measures imposed has also changed: from comprehensive sanctions regimes (discredited since Iraq in the 1990s) to 'targeted' or 'smart'

sanctions, directed at specific individuals or entities (through asset freezes and travel bans) or prohibiting particular activities (arms embargoes and export prohibitions). Bringing together scholars, government and private practitioners, Economic Sanctions and International Law provides an overview of recent developments and an analysis of the problems that they have engendered. Chapters examine the contemporary practice of the various actors, and the legality (or otherwise) of their activities. Issues considered include the human rights of persons targeted, and the mechanisms established to challenge their listing; as well as, in cases of sanctions imposed by regional organisations and individual states, the rights of third States and their nationals. The book will be of interest to scholars and practitioners of international law and politics."--Bloomsbury Publishing.
