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External Ions and -Latrotoxin Action; Botulinum Neurotoxins and their Substrates; Clostridial Neurotoxins as Enzymes: Structure and Function; Purification, Function and Selectivity in -Latrotoxin Neurotoxins, Cytoskeletons and Calcium Channels: Functional Studies at Mammalian Synapses Formed in Culture The Synapsins and Neurotransmission; Morphological Studies of the Secretory Machinery Using Neurotoxin Probes; Membrane Fusion Protein Annexin VII: A Ca<sup>2+</sup>-Activated GTPase Target for Mastoparan in Secreting Chromaffin Cells; Glossary; Index

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Sommario/riassunto

This volume deals with the relationships between toxins and one of the most fundamental processes in any living cell - the secretory cycle. The reader will find up-to-date information on secretion, generated by experts in this fast evolving field. In the last decade extensive molecular and cellular studies have exposed the molecular similarity among most known secretory systems. In this book secretion is discussed from its basic mode found in yeast up to its most sophisticated version in neurotransmitter release in nerve terminals. A comprehensive view on the mode of action of toxins which blo

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