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Nota di contenuto	Developments in multiple sclerosis research / Robert M. Herndon -- Morphology of oligodendrocytes and myelin / Robert Skoff -- Astrocytes: morphology and function / Robert M. Herndon -- Molecular structure of the myelin membrane / Joyce A. Benjamins -- The nature of immunologic privilege in the central nervous system / Zsuzsa Fabry, Matyas Sandor, Diane Sewell, and Emily Reinke -- Experimental autoimmune encephalomyelitis / LaChelle R. Arredondo, Amy Lovett-Racke, and Michael K. Racke -- Tissue culture studies of demyelination and remyelination / Frederick J. Seil -- Infectious agents and demyelination / John Rose -- Viral demyelinating diseases in experimental animals / Jane E. Libbey and Robert S. Fujinami -- Chlamydia pneumoniae infection and its association with multiple sclerosis / Harold Moses Jr. and Sabramaniam Sriram -- The role of cytokines in multiple sclerosis and experimental allergic encephalomyelitis / Tanuja Chitnis and Samia J. Khoury -- Chemokines and their receptors in multiple sclerosis / Richard M. Ransohoff and William J. Karpus -- Interferons in multiple sclerosis / Suhayl Dhib-Jalbut -- The pathology of multiple sclerosis as revealed by in vivo magnetic resonance-based approaches / Jack H. Simon -- Mechanisms of repair, adaptation, and recovery of function in multiple sclerosis /

Robert M. Herndon.

Sommario/riassunto

Knowledge has been described as being like an expanding sphere with the volume of knowledge contacting a surface on the unknown. This new comprehensive review of the many fields of basic and clinical research that impact our understanding of multiple sclerosis has its basis in this premise. In doing research on MS, it is not enough to know clinical neurology or neurochemistry or neuroanatomy or pathology; it is important to understand the many other areas that relate to them. This volume provides an overview of MS-related research and will benefit many investigators in the field and help to ad
