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Edizione	[First edition.]
Descrizione fisica	1 online resource (420 p.)
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Soggetti	Inflammation - Pathophysiology Central nervous system - Diseases - Immunological aspects Nervous system - Degeneration - Immunological aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Immune privilege of the brain -- Innate immunity in the CNS : a focus on the myeloid cell -- Adaptive immune responses in the CNS -- Ageing and the immune response in the CNS -- Brain repair : the role of endogenous and transplanted neural stem cells -- Neuroinflammation in Alzheimer's, Parkinson's, and Huntington's diseases -- CNS infections -- Neuroimmunology of amyotrophic lateral sclerosis -- Demyelinating disorders of the CNS -- Other autoimmune disorders : systemic lupus erythematosus, primary Sjogren's syndrome, gluten-related neurological dysfunction, and paraneoplastic neurological syndromes -- Inflammation in the pathogenesis of depression -- Immune responses in the CNS in epilepsy -- Inflammatory mediators and dysfunction of the neurovascular unit following ischaemia reperfusion -- Spinal cord injury -- Immune responses to tumours in the CNS.
Sommario/riassunto	The last decade has seen an upsurge of information on the role of immune responses in neurodegenerative disorders. In many of these diseases it is still unclear whether the innate and adaptive responses are pathogenic or play a role in repair, and thus understanding their

precise roles is key to controlling these diseases by designing immunotherapeutic approaches. The connection between many neurological diseases is the realisation that the immune and nervous systems are inextricably linked, and that perturbations in this delicate balance are involved in many disorders. This has open
