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Autore	Zinserling Vsevolod
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Nota di contenuto	Introduction -- Chapter 1. Epidemiology, morbidity and mortality due to brain pathology associated with biological pathogens -- Chapter 2 Microbiology and molecular biology in the diagnostics -- Chapter 3 Local immunity of the brain -- Chapter 4 Neuroplasticity and its possible role in infectious pathology -- Chapter 4 General principles of morphological diagnostics of infectious pathology in the brain and terminology -- Chapter 5 Acute viral encephalitis -- Chapter 6 Brain lesions in generalized viral infections -- Chapter 7 Viral lesions in HIV infection -- Chapter 8 Meningococcal infection -- Chapter 9 Purulent meningitis and meningoencephalitis -- Chapter 10 Brain abscesses -- Chapter 11 Neurotuberculosis and neurosyphilis -- Chapter 12 Lesions due to fungi, protozoa and helminthes -- Chapter 13 "Slow" neuroinfections -- Chapter 14 Brain lesions in perinatal infections -- Chapter 15 Posttraumatic encephalitis -- Chapter 16 Differential diagnostics in clinical pathology -- Chapter 17 Probable role of

Sommario/riassunto

This book discusses all aspects infectious CNS pathology, including different bacterial, viral, fungal, mycoplasma and protozoan pathogens, accompanied by illustrations that show macro- and histopathological changes. It also presents microbiological, epidemiological and clinical data, with a particular focus on meningitis and encephalitis of different bacterial and viral aetiologies, influenza, COVID-19 and other viral and bacterial generalized infections. Further, the book explores the importance of mixed infections, including those in the late stages of HIV infection, as well as pathological changes in different age groups including newborns. A special chapter is devoted to the probable role of biological pathogens in noninfectious brain pathology.