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Nota di contenuto	Anatomy of fluid interfaces that protect the microenvironment -- Physiology of the cerebrospinal and interstitial fluids -- Neurovascular unit -- Glucose, amino acid and lipid metabolism -- Disorders of cerebrospinal circulation : idiopathic intracranial hypertension (IIH) and hydrocephalus -- Quantification of cerebral blood flow and blood brain barrier transport by NMR and PET -- Mechanisms of ischemic/hypoxic brain injury -- Vascular cognitive impairment and Alzheimer's disease -- Effects of altitude on the brain -- Brain edema -- Intracerebral hemorrhage -- Autoimmunity, hypoxia, and inflammation in demyelinating diseases.
Sommario/riassunto	The molecular basis for the physiology of the brain has advanced enormously in the past twenty years with an influx of new information gleaned through technological developments in neuroimaging and molecular discoveries. Molecular Physiology and Metabolism of the Nervous System, authored by Gary A. Rosenberg, an authority on the physiology of brain fluids and metabolism, combines the classic

physiology that dates back to the beginning of the nineteenth century with the advances in molecular sciences, providing a strong framework for understanding the diseases that are commonly treated by neuro