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Autore	Gursoy-Ozdemir Yasemin
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Nota di contenuto	Anatomy and physiology of the blood-brain barrier / Yasemin Gursoy-Ozdemir, Yagmur Cetin Tas -- Blood-brain barrier / Ozgun F. Duzenli, Ayse Filiz Oner -- Brain and the drug transporters / Tugba Gulsun, Nihan Izat, Selma Sahin -- Drug delivery to the brain / Tugba Copur, Levent Oner -- Nasal physiology and drug transport / Emine Sekerdag -- Challenges of the nose-to-brain route / Emine Sekerdag -- Nanoscience in targeted brain drug delivery / Meltem Cetin, Eren Aytakin, Burcin Yavuz -- In vitro CVS models / Asli Kara, Naile Ozturk, Imran Vural -- In vivo/in situ animal models / Muhammed Abdur Rauf -- Microdialysis and brain perfusion / Margareta Hammarlund-Udenaes -- Neuroimaging / Elif Bulut, Ayca Akgoz, Kader Karli Oguz -- Alzheimer / Qizhi Zhang, Chi Zhang -- Parkinson's disease / Banu Cahide Tel, Gul Yalcin Cakmakli -- Stroke / Ozgur Oztup-Cakmak, Ebru N. Vanli-Yavuz, Yasemin Gursoy-Ozdemir -- Nanotechnology-based management of neurological autoimmune diseases / Erdem Tuzun -- Infectious diseases of the brain / Melike Ekizoglu -- Brain tumors / Sibel Bozdog-Pehlivan.

