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Nota di contenuto	An introduction to immunotherapy in the treatment of brain tumors / J. M. Komisarow and J.H. Sampson -- Immune constitution of patients with brain tumors / J. Berry-Candelario, S.H. Farber and P.E. Fecci -- The role of regulatory t cells and indolamine-2,3-dioxygenase in brain tumor immunosuppression / M. Dey, A.L. Chang, J. Miska, J. Qiao and M. S. Lesniak -- The role of myeloid-derived suppressor cells in immunosuppression in brain tumors / K. Gabrusiewicz, N.A. Colwell, and A.B. Heimberger -- Tumor-specific mutations in gliomas and their implications for immunotherapy / C.J. Pirozzi, A.B. Carpenter, T. Hennika, O.J. Becher and H. Yan -- Preclinical immunotherapeutic animal models fo brain tumors / V. Chandramohan, L. Sanchez-Perez, Y. He, C.J. Pirozzi, K.L. Congdon and D.D. Bigner -- Imaging studies in immunotherapy / R.Y. Huang and D.A. Reardon -- Immunotherapy clinical trials in neuro-oncology / S. Khagi and G. Vlahovic -- Peptide-specific vaccines / P. Roth and M. Weller -- Immunotoxin therapy for brain tumors / V. Chandramohan, J.H. Sampson, I.H. Pastan and D.D. Bigner -- Checkpoint blockade immunotherapy for glioblastoma / K.A. Riccione, P. Gedeon, L. Sanchez-Perez and J.H. Sampson -- Dendritic cell therapy for brain tumors / R.G. Everson, J.P. Antonios, A.M. Tucker and L.M. Liau -- Adoptive immunotherapy against brain tumors / C. Flores, D. Mitchell and P.A. Wells -- Chimeric antigen receptor therapy of brain tumors / L. Sanchez-Perez, C.M. Suryadevara, B.D. Choi and L. A. Johnson.

