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# Microglia in Glioma

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## Abstract

Myeloid cells are fundamental constituents of the brain tumor microenvironment. In this chapter, we describe the state-of-the-art knowledge on the role of microglial cells in the cross-talk with the most common and aggressive brain tumor, glioblastoma. We report in vitro and in vivo studies related to glioblastoma patients and glioma models to outline the symbiotic interactions that microglia develop with tumoral cells, highlighting the heterogeneity of microglial functions in shaping the brain tumor microenvironment.

**Keywords:** Cold Tumor; Glioblastoma; Glioma-associated microglia/macrophages; Lymphocytes; Tumor Microenvironment.

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