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Immune Microenvironment of Gliomas

Guest Editors:

Prof. Bozena Kaminska

Laboratory of Molecular Neurobiology, Nencki Institute of Experimental Biology of the Polish Academy of Sciences, 02-093 Warsaw, Poland

Prof. Cristina Limatola

1. Department of Physiology and Pharmacology "Vittorio Erspamer", Sapienza University of Rome, Piazzale Aldo Moro 5, 00185 Rome, Italy
2. IRCCS Neuromed, Via Atinense 18, 86077 Pozzilli, Italy

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Message from the Guest Editors

Malignant gliomas are rapidly progressing, incurable tumors of the central nervous system (CNS). Numerous studies of human and experimental rodent gliomas have revealed considerable heterogeneity in the tumor microenvironment, which is composed of reactive astrocytes, endothelial cells, and numerous immune cells. Infiltrating immune cells mostly consist of glioma-associated microglia and macrophages (GAMs), myeloid-derived suppressor cells (MDSCs), granulocytes, and T lymphocytes. The complexity of cell-to-cell interactions in the glioma microenvironment is far from well understood. In this Special Issue, we will summarize and present new findings related to the heterogeneity and complexity of interactions between tumor and immune components in the glioma microenvironment.



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Special Issue



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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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