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Title: Immunomodulatory effects of myeloid-derived suppressor cells in diseases: role in

cancer and infections

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Highlights

MDSCs have mainly been studied in cancer settings and express the markers CD11b and Gr-1.

They encompass two subsets: Mo-MDSCs and PMN-MDSCs, which function through different

mechanisms.

They are encountered in blood, lymph nodes, bone marrow and tumor sites and show

immunosuppressive abilities.

MDSCs have been shown to have a role in cancer and other pathological conditions including

bacterial and parasitic infections and AIDS.

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