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Cytokines and cancer review. The mixture of cytokines that is produced in the cancer microenvironment has an important role in cancer pathogenesis. Cytokines that are released in response to infection, inflammation and immunity can function to inhibit cancer development and progression. Alternatively, cancer cells can respond to host-derived...Abstract. The mixture of cytokines that is produced in the tumour microenvironment has an important role in cancer pathogenesis. Cytokines that are released in response to infection, inflammation and immunity can function to inhibit tumour development and progression. Alternatively, cancer cells can respond to host-derived cytokines...Cancer is a group of various diseases that involve unregulated cell growth. Inflammation plays an important role in the pathogenesis of cancer. Inflammatory cytokines produced by tumor cells or inflammatory cells in the tumor microenvironment can promote tumor cell survival through the induction of genes encoding nuclear factor- κ B-dependent antiapoptotic molecules. Cytokines are messenger molecules that help control the growth and activity of immune system cells, as well as blood cells Types of cytokines include interleukins (IL), which help immune cells grow and divide more quickly; and interferons (IFN), which boost the ability of certain immune cells to attack cancer cells. - Cytokines And Cancer Reprint