A Summary of some Important Cytokines	
Cytokine	Representative Activity
Interleukin-1 (IL-1)	Stimulates T _H cells in presence of antigens; chemically attracts is phagocytes in inflammatory response
Interleukin-2 (IL-2)	Involved in proliferation of antigenstimulated $T_{\rm H}$ cells, proliferation and differentiation B cells, and activation of $T_{\rm C}$ cells and NK cells.
Interleukin-12 (IL-12)	Mainly involved in differentiation of CD4-type T cells
Gamma-interferon (γ-IFN)	Inhibits intracellular viral replication; Increases activity of macrophages against microbes and tumor cells.
Tumor necrosis factor-beta (TNF-β)	Cytotoxic to tumor cells; enhances activity of phagocytic cells.
Granulocyte-macrophage colony-stimulating factor (GM-CSF)	Stimulates formation of red and white blood cells from stem Cells.