

The term **microenvironment** refers to the immediate, local [environment](#) surrounding a particular entity or system, which can influence its behavior or function. This concept is used in various fields, including biology, business, and ecology, with specific meanings depending on the context:

Biology/Medicine: In biological terms, a microenvironment refers to the small-scale environment in which a cell, tissue, or organism exists. For example, in cancer research, the tumor microenvironment includes the surrounding cells, blood vessels, immune cells, and signaling molecules that interact with tumor cells and influence their growth and behavior.

Neurobiology: In neurobiology, it might refer to the local environment of neurons or synapses, including the surrounding glial cells, extracellular matrix, and neurotransmitter interactions that influence neural activity and function.

see [Tumor immune microenvironment](#).

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