

Inside the [cell](#).

It is used in contrast to extracellular (outside the cell). The cell membrane (and, in many organisms, the cell wall) is the barrier between the two, and chemical composition of intra- and extracellular milieu (Milieu intérieur) can be radically different. In most organisms, for example, a Na⁺/K⁺ ATPase maintains a high potassium level inside cells while keeping sodium low, leading to chemical excitability.

This terms also means existing within the cells.

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