

Interleukin

Interleukins are a group of [cytokines](#) (secreted proteins and signaling molecules) that were first seen to be expressed by white blood cells (leukocytes).

The function of the immune system depends in a large part on interleukins, and rare deficiencies of a number of them have been described, all featuring autoimmune diseases or immune deficiency. The majority of interleukins are synthesized by helper CD4 T lymphocytes, as well as through monocytes, macrophages, and endothelial cells. They promote the development and differentiation of T and B lymphocytes, and hematopoietic cells.

see

[Interleukin 1 beta](#)

[Interleukin-2](#)

[Interleukin 4](#)

[Interleukin 6](#)

[Interleukin 10](#)

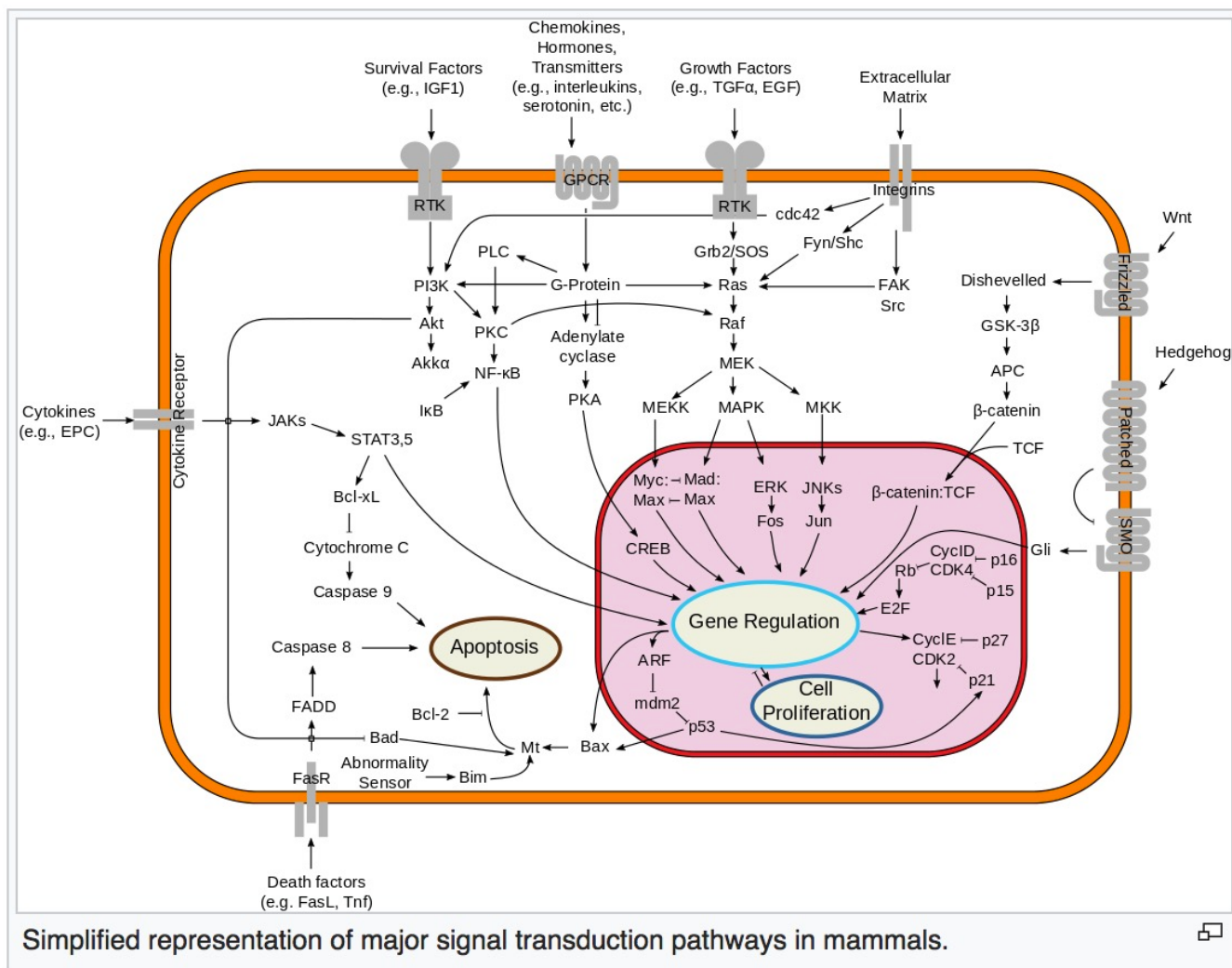
[Interleukin 11](#)

[Interleukin 13](#)

[Interleukin 17](#)

[Interleukin 23](#)

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