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Ligand-Independent Ion Channel Activation

National Cancer Institute

Source

National Cancer Institute. *Ligand-Independent Ion Channel Activation*. NCI Thesaurus. Code C88470.

A process that involves interactions between an intrinsic membrane molecule and an electrochemical gradient across a membrane, often a voltage or a pH gradient. Such interactions may activate or deactivate an ion channel in the membrane, and constitute the basis of nerve conduction of impulse.