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# Voltage-Gated Potassium Ion Channel Activation

National Cancer Institute

## Source

National Cancer Institute. *Voltage-Gated Potassium Ion Channel Activation*. NCI Thesaurus. Code C88550.

A process that involves detection of alteration to the voltage across a membrane, and results in opening of the channel to become selectively permeable to potassium ions. This interaction plays a crucial role in setting the potential of the resting membrane.