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# Nuclear Inner Membrane

National Cancer Institute

## Source

National Cancer Institute. *Nuclear Inner Membrane*. NCI Thesaurus. Code C25938.

The nuclear envelope has two membranes, each with a typical unit membrane in structure. They enclose a flattened sac and are connected at the nuclear pore sites. The inner nuclear membrane separates the perinuclear cistern of the endoplasmic reticulum from the nucleoplasm. It is attached to and supported by the lamina. A growing number of proteins that are specifically located to this membrane seem to participate in functionally organizing the nucleus. (NCI)