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Nuclear Receptor

National Cancer Institute

Source

National Cancer Institute. *Nuclear Receptor*. NCI Thesaurus. Code C17671.

Proteins that regulate transcription via interaction with chromatin and basal transcription machinery at the promoter regions of genes. Nuclear receptors are ligand-dependent transcription factors including steroids, retinoids, vitamin D, unliganded thyroid hormone, and orphan receptors (unknown ligands). Coregulators (coactivators or corepressors) are important in mediating these interactions and thereby modulate positive or negative receptor activity.