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# Negative Regulation of G0 to G1 Transition

National Cancer Institute

## Source

National Cancer Institute. *Negative Regulation of G0 to G1 Transition*. NCI Thesaurus. Code C40772.

G0 to G1 Phase Arrest consists of interference with, or restraint of, activities that regulate cellular capability to transition from the resting stage (between successive cell divisions) and the initial phase of the cell cycle (Gap 1 phase), preceding DNA synthesis. G1 subphases include competence, entry (G1a), progression (G1b), and assembly (G1c), based on effects of limiting growth factors, nutrients, or inhibitors.