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Autologous Tumor Cell Vaccine

National Cancer Institute

Source

National Cancer Institute. *Autologous Tumor Cell Vaccine*. NCI Thesaurus. Code C1980.

A therapeutic agent produced by isolating tumor cells from an individual and processing these tumor cells into a vaccine formulation in vitro; the vaccine is then administered to the individual from whom the tumor cells were isolated. Typically combined with an adjuvant immunostimulant, an autologous cell vaccine may elicit a cytotoxic T-lymphocytic immune response to cell surface-expressed tumor-associated antigens (TAAs), resulting in tumor cell death. (NCI04)