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# GITRL RNA-transfected Autologous Dendritic Cell Vaccine

National Cancer Institute

## Source

National Cancer Institute. *GITRL RNA-transfected Autologous Dendritic Cell Vaccine*. NCI Thesaurus. Code C94216.

An autologous dendritic cell (DC) cancer vaccine with potential immunostimulatory activity. GITRL RNA-transfected autologous DC vaccine is prepared by transfecting DCs with RNAs encoding tumor necrosis factor (ligand) superfamily, member 18 (TNFSF18 or GITRL); expression of GITRL results in modulating T lymphocyte survival in peripheral tissues. Co-vaccination of this vaccine with melanoma antigen specific vaccine may eliminate the adverse effects associated with systemic administration of immune modulators, while also enhancing vaccine-induced immune responses.