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Allogeneic GM-CSF-secreting Breast Cancer Vaccine SV-BR-1-GM

National Cancer Institute

Source

National Cancer Institute. *Allogeneic GM-CSF-secreting Breast Cancer Vaccine SV-BR-1-GM*. NCI Thesaurus. Code C146711.

A vaccine consisting of irradiated allogeneic breast cancer cells, derived from the breast cancer cell line SV-BR-1 that are transfected with the immunostimulant granulocyte-macrophage colony-stimulating factor (GM-CSF; CSF2) gene, with potential immunostimulating and antineoplastic activities. Upon intradermal administration of the allogeneic GM-CSF-secreting breast cancer vaccine SV-BR-1-GM, the genetically-modified cells secrete GM-CSF. This potentiates a tumor-specific cytotoxic T-lymphocyte (CTL) immune response against breast cancer cells.