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# Nelipepimut-S

National Cancer Institute

## Source

National Cancer Institute. *Nelipepimut-S*. NCI Thesaurus. Code C117985.

A cancer vaccine comprised of a human leukocyte antigen (HLA) A2/A3 restricted HER2/neu (human epidermal growth factor receptor 2; ErbB2) nonapeptide derived from the extracellular domain of the HER2 protein, with potential immunomodulating and antineoplastic activities. Upon intradermal injection, nelipepimut-S may induce a specific cytotoxic T-lymphocyte (CTL) response against HER2/neu-expressing tumor cells. HER2/neu, a tumor-associated antigen and a member of the epidermal growth factor receptor family of tyrosine kinases, is overexpressed in various tumor cell types and plays a key role in tumorigenesis.