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Peptide 946 Melanoma Vaccine

National Cancer Institute

Source

National Cancer Institute. *Peptide 946 Melanoma Vaccine*. NCI Thesaurus. Code C2466.

A melanoma peptide vaccine with potential antineoplastic activity. Peptide 946 melanoma vaccine contains one of the peptide sequences for a melanoma-specific epitope that is recognized by melanoma-specific cytotoxic T lymphocytes (CTL). This vaccine contains a peptide sequence homologous to the native epitope and is often formulated with an adjuvant such as QS-21 or Montanide ISA-51 to boost its immune stimulation. Vaccination with peptide 946 vaccine may produce antibodies as well as elicit a cytotoxic T-lymphocyte (CTL) response against cells expressing this antigen, resulting in decreased tumor cell growth.