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# Personalized Neoantigen Peptide Vaccine iNeo-Vac-P01

National Cancer Institute

## Source

National Cancer Institute. *Personalized Neoantigen Peptide Vaccine iNeo-Vac-P01*. NCI Thesaurus. Code C162633.

A peptide-based, personalized cancer vaccine consisting of patient-specific mutated long peptides, which are immunogenic and unique to the patient's tumor, with potential immunomodulating and antineoplastic activities. Upon vaccination with the personalized neoantigen peptide vaccine iNeo-Vac-P01, the peptides stimulate the host immune system to mount a specific and potent cytotoxic T-lymphocyte (CTL) response against tumor cells expressing the neoantigens, which results in tumor cell lysis.