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# MUC1 Peptide-Poly-ICLC Vaccine

National Cancer Institute

## Source

National Cancer Institute. *MUC1 Peptide-Poly-ICLC Vaccine*. NCI Thesaurus. Code C82417.

A vaccine preparation containing mucus 1 (MUC1) peptide and the adjuvant poly-ICLC with potential immunostimulatory and antineoplastic activities. Upon administration, MUC1 peptide-poly-ICLC adjuvant vaccine may induce the host immune system to mount a cytotoxic T cell response against MUC1-expressing tumor cells. MUC1, a tumor associated antigen normally present on the lining of the human colon, may be overexpressed and/or mutated in a variety of cancer cell types. The adjuvant poly-ICLC, a ligand for toll-like receptor-3, induces the release of cytokines which may help boost the immune response against MUC1.