

[Open Peer Review on Qeios](#)

Synthetic Melanoma-Associated Antigen Vaccine

National Cancer Institute

Source

National Cancer Institute. *Synthetic Melanoma-Associated Antigen Vaccine*. NCI Thesaurus. Code C48639.

A cancer vaccine containing synthetic epitope peptides derived from melanoma tumor-associated antigens (TAAs), including melanoma-melanocyte antigen gp100(280-288), melanoma-associated antigen tyrosinase(1-9), and melanoma-associated antigen melan-A(27-35). Upon administration, synthetic melanoma-associated antigen vaccine may stimulate a cytotoxic T-lymphocyte immune response against melanoma cells that express TAAs which share epitopes with the vaccine epitope peptides, resulting in tumor cell lysis.