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Arginase-1 Peptide Vaccine

National Cancer Institute

Source

National Cancer Institute. *Arginase-1 Peptide Vaccine*. NCI Thesaurus. Code C161833.

A vaccine comprised of arginase-1 peptides, with potential antineoplastic activity. Upon vaccination, the arginase-1 peptide vaccine may activate the immune system to induce an immune response against arginase-1-expressing cells. Arginase-1 is expressed by some cancer cells and by immune inhibitory cells, such as myeloid-derived suppressor cells (MDSCs) and tumor-associated macrophages (TAMs); its expression is associated with poor prognosis.