

[Open Peer Review on Qeios](#)

# MVA-PSA/PAP Prostate Cancer Vaccine

National Cancer Institute

## Source

National Cancer Institute. *MVA-PSA/PAP Prostate Cancer Vaccine*. NCI Thesaurus. Code C74064.

A cancer vaccine consisting of a recombinant modified vaccinia Ankara (MVA) viral vector encoding genes for prostate specific antigen (PSA) and prostate acid phosphatase (PAP) with potential immunostimulatory and antineoplastic activities. Upon administration, MVA-PSA-PAP prostate cancer vaccine expresses PSA and PAP peptides, which may elicit humoral and cellular immune responses against prostate cancer cells expressing PSA and PAP. Multi-antigen vaccine therapy may be more efficacious than single-antigen therapy vaccine therapy.