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(54) Title: COMBINATION THERAPY FOR USE IN CANCER THERAPY

(57) Abstract: The present invention provides methods of treating anal or vaginal tumors and cancers, comprising the step of administering to a subject a combination therapy comprising a chemo-radiation therapy and a recombinant *Listeria* strain. In one aspect, the present invention relates to a method of treating an anal or vaginal tumor or anal or vaginal cancer in a human subject, the method comprising the step of administering to said subject a combination therapy comprising a chemo-radiation therapy and a recombinant *Listeria* strain, said *Listeria* strain comprising a recombinant nucleic acid, said nucleic acid comprising a first open reading frame encoding a recombinant polypeptide comprising an N-terminal fragment of an LLO protein fused to a heterologous antigen or fragment thereof, thereby treating said anal or vaginal tumor or anal or vaginal cancer in said human subject.



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