

Title (en)  
ADENOVIRAL TARGETING AND MANIPULATION OF IMMUNE SYSTEM RESPONSE USING TARGETING PEPTIDES

Title (de)  
ZIELGERICHTETES EINBRINGEN MIT HILFE VON ADENOVIREN UND ADENOVIRALE MANIPULATION DER IMMUNSYSTEMANTWORT  
UNTER VERWENDUNG VON ZIELGERICHTETEN PEPTIDEN

Title (fr)  
CIBLAGE AD NO VIRAL ET MANIPULATION DE LA R PONSE DU SYST ME IMMUNITAIRE AU MOYEN DE PEPTIDES CIBLANTS

Publication  
**EP 1315512 A2 20030604 (EN)**

Application  
**EP 01970682 A 20010907**

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Abstract (en)  
[origin: EP2028187A1] The present invention concerns methods and compositions for in vivo and in vitro targeting. A large number of targeting peptides directed towards human organs, tissues or cell types are disclosed. The peptides are of use for targeted delivery of therapeutic agents, including but not limited to gene therapy vectors. A novel class of gene therapy vectors is disclosed. Certain of the disclosed peptides have therapeutic use for inhibiting angiogenesis, inhibiting tumor growth, inducing apoptosis, inhibiting pregnancy or inducing weight loss. Methods of identifying novel targeting peptides in humans, as well as identifying endogenous receptor-ligand pairs are disclosed. Methods of identifying novel infectious agents that are causal for human disease states are also disclosed. A novel mechanism for inducing apoptosis is further disclosed.

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