

Title (en)
METHODS AND COMPOSITIONS FOR IN VITRO TARGETING

Title (de)
VERFAHREN UND ZUSAMMENSETZUNGEN FÜR "TARGETING" IN VITRO

Title (fr)
PROCEDES ET COMPOSITIONS UTILISES POUR LE CIBLAGE IN VITRO

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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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