

Title (en)

NOVEL METHODS FOR INTRODUCING MOLECULES INTO CELLS AND VECTORS AND COMPOSITIONS FOR USE IN SUCH METHODS

Title (de)

NEUE VERFAHREN ZUM EINSCHLEUSEN VON MOLEKÜLEN IN ZELLEN, UND VEKTOREN UND ZUSAMMENSETZUNGEN FÜR DIE VERWENDUNG BEI DIESEN VERFAHREN

Title (fr)

NOUVELLES METHODES D'INTRODUCTION DE MOLECULES DANS DES CELLULES ET DANS DES VECTEURS ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS LESDITES METHODES

Publication

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Application

EP 02802161 A 20021018

Priority

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Abstract (en)

[origin: WO03035892A2] Provided are chimeric molecules (i.e., antibody fusion or fusion protein) comprising a carboxy terminal protein import sequence and an amino terminal cargo region. A preferred chimeric molecule according to the invention is a chimeric molecule in which a protein import sequence (i.e., a HIV tat peptide) is linked to a Fab directed against a viral pathogen, such hCMV. Also provided are nucleic acid molecules encoding the chimeric molecules of the invention, as well as vectors and host cells comprising the nucleic acid molecules. In addition, methods of making, methods of using, and compositions comprising a chimeric molecule of the invention are provided. The vector constructs according to the invention can be employed for intracellular delivery, and particularly, for intracellular immunization.

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