

Title (en)
IMPROVED METHODS FOR TRANSDUCING CELLS

Title (de)
VERBESSERTES VERFAHREN ZUR TRANSDUKTION VON ZELLEN

Title (fr)
METHODES AMELIOREES DE TRANSDUCTION CELLULAIRE

Publication
EP 0963440 A4 20041229 (EN)

Application
EP 97950669 A 19971119

Priority
• US 9721475 W 19971119
• US 3133096 P 19961120

Abstract (en)
[origin: WO9822605A1] Disclosed are compositions and methods for inhibiting the expression and/or activity of endogenous beta -interferon in cells targeted for transduction with viral vectors, particularly adenoviral vectors. Therefore, also provided are improved methods for treatment of genetically-based diseases by gene therapy. Also disclosed are methods for the treatment of neovascularization-related diseases, for examples, cancer, by the production in vivo of angiostatin, which inhibits the formation of new blood vessels. In particular embodiments, this is accomplished by transduction of macrophages ex vivo with a GM-CSF gene, thereby inducing the secretion of macrophage metalloelastase, which converts plasminogen to angiostatin. The transduced macrophages, when administered, naturally home to tumor sites to effectively localize the therapeutic effect.

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IPC 8 full level
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Citation (search report)
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