Title (en)

COMPOSITIONS AND METHODS FOR INHIBITING INFLAMMATION OF VESSEL WALLS AND FORMATION OF NEOINTIMAL HYPERPLASIA

Title (de)

ZUSAMMENSETZUNGEN UND METHODEN UM DIE ENTZÜNDUNG VON GEFÄSSWÄNDEN UND DIE BILDUNG VON NEOINTIMALER HYPERPLASIE ZU HEMMEN

Title (fr)

COMPOSITIONS ET PROCEDES PERMETTANT D'INHIBER L'INFLAMMATION DES PAROIS VASCULAIRES ET LA FORMATION D'HYPERPLASIE DE NEO-INTIMA

Publication

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Application

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Abstract (en)

[origin: WO2004078786A1] Compositions and methods for inhibiting inflammation of vessel wall and/or formation of neointimal hyperplasia by gene therapy using a soluble Flt-1 (sFlt-1) gene, are provided. VEGF has an essential role in the development of neointimal hyperplasia by causing inflammation. sFlt-1 gene transfer to the site of vascular injury blocks Flt-1-mediated VEGF signal transduction, thereby inhibiting early inflammation as well as late neointimal hyperplasia. The present invention is useful for inhibiting or treating inflammation of vessel wall and/or formation of neointimal hyperplasia in a patient with risk of post coronary intervention restenosis, atherosclerosis, arteriosclerosis, or edema.

IPC 1-7

C07K 14/71; A61K 38/17

IPC 8 full level

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See references of WO 2004078786A1

Citation (examination)

SHIBATA M. ET AL., HISTOCHEM CELL BIOL., vol. 116, 2001, pages 471 - 481

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