

Title (en)  
PROCESS FOR SELECTIVELY MODULATING THE EXPRESSION AND FUNCTION OF A CELL-SURFACE DETERMINANT AND PRODUCTION OF NOVEL HUMAN CELLS PRODUCED THEREBY.

Title (de)  
VERFAHREN ZUR SELEKTIVEN MODULATION DER EXPRESSION UND DER FUNKTION EINER ZELLULÄREN OBERFLÄCHENDETERMINANTE UND AUF DIESE WEISE PRODUZIERTE NEUE MENSCHLICHE ZELLEN.

Title (fr)  
PROCEDE DE MODULATION SELECTIVE DE L'EXPRESSION ET DE LA FONCTION D'UN DETERMINANT DE SURFACE CELLULAIRE, ET PRODUCTION DE NOUVELLES CELLULES HUMAINES AINSI PRODUITES.

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Application  
**EP 88908632 A 19880916**

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Abstract (en)  
[origin: WO8902918A1] This invention is directed to a process for inhibiting infection in humans by selectively modulating the expression of a specific cell-surface determinant, namely, the CD4 molecule on human cells, with a chemical agent. The chemical agent is a ganglioside composition which induces the rapid and selective disappearance of CD4 cell-surface determinants from human cells. By selectively modulating the expression and function of the CD4 cell-surface determinant, employing a ganglioside composition which induces the rapid and selective disappearance of the CD4 cell-surface determinants from human cells, the point of attachment and entry into the T-helper cell for viruses which infect the human cells through the CD4 cell-surface determinants, such as HIV, is eliminated, and the receptivity of these human cells is inhibited, without inhibiting other cell-surface determinants.

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IPC 8 full level  
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**A61K 31/00** (2013.01); **A61P 31/12** (2017.12); **A61P 37/00** (2017.12); **C07H 15/10** (2013.01)

Citation (search report)

- [XP] THE JOURNAL OF IMMUNOLOGY, vol. 139, no. 10, 15th November 1987, pages 3295-3305, The American Association of Immunologists, US; H. OFFNER et al.: "Gangliosides induce selective modulation of CD4 from helper T lymphocytes"
- [AD] THE JOURNAL OF IMMUNOLOGY, vol. 125, no. 5, November 1980, pages 2106-2111, The Williams & Wilkins Co., US; R.L. WHISLER et al.: "Regulation of lymphocyte responses by human gangliosides"
- See references of WO 8902918A1

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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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