

Title (en)
METHODS OF TREATING DISORDERS OF NON-VISUAL SENSORY EPITHELIA

Title (de)
VERFAHREN ZUR BEHANDLUNG VON STÖRUNGEN DES NICHTVISUELLEN SENSORISCHEN EPITHELIS

Title (fr)
PROCEDES DE TRAITEMENT DE TROUBLES DANS DES EPITHELIUMS SENSORIELS NON VISUELS

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Application
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Abstract (en)
[origin: WO9717983A1] In general, the present invention provides methods for promoting the function of inner ear cells using neuregulins. A novel aspect of the invention involves the use of neuregulins as growth factors to promote function of non-visual sensory epithelial cells. Treating of the non-visual sensory epithelial cells to provide these effects may be achieved by contacting non-visual sensory epithelial cells with a polypeptide described herein. The treatments may be provided to slow or halt net cell loss or to increase the amount or quality of non-visual sensory epithelial tissue present in the vertebrate.

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Citation (search report)
• [PX] WO 9615812 A1 19960530 - CAMBRIDGE NEUROSCIENCE INC [US], et al
• [A] MARCHIONNI-MA ET AL.: "Glial growth factors are alternatively spliced erbB2 ligands expressed in the nervous system", NATURE, vol. 362, 25 March 1993 (1993-03-25), pages 312 - 318, XP002188342
• [A] BIRCHMEIER-C ET AL.: "Factors controlling growth, motility, and morphogenesis of normal and malignant epithelial cells", INTERNATIONAL REVIEW OF CYTOLOGY, vol. 160, 1995, pages 221 - 266, XP001053100
• [A] CARRAWAY KL. ET AL.: "Neuregulins and their receptors", CURRENT OPINION IN NEUROBIOLOGY, vol. 5, October 1995 (1995-10-01), pages 606 - 612, XP001052960
• See references of WO 9717983A1

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