

Title (en)
TREATING OPHTHALMIC FIBROSIS USING INTERFERON-ALPHA.

Title (de)
BEHANDLUNG DER OPHTHALMISCHEN FIBROSE MIT ALPHA-INTERFERON.

Title (fr)
TRAITEMENT DES FIBROSES OPHTALMIQUES PAR L'INTERFERON ALPHA.

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Application
EP 92921557 A 19921012

Priority

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- AU PK908091 A 19911022

Abstract (en)
[origin: WO9306856A1] The present invention relates to the use of topical interferon- alpha for the treatment of various forms of fibrosis in and around the eye arising from various ophthalmic diseases and procedures. Specifically the invention relates to alleviation of corneal scarring after laser photoablative refractive keratectomy (PRK). It also relates to the alleviation of posterior (lens) capsular opacification after extracapsular cataract surgery with lens implant; the alleviation of wound scarring following glaucoma filtration surgery. Interferon- alpha may also be used to coat the lens implant prior to or during implantation. It may also possibly be injected into the eye during eye surgery for inhibiting posterior capsule opacification after cataract surgery and in addition may be injected into the vitreous body to prevent retinal fibrosis and proliferative vitreo-retinopathy, and injected subconjunctivally to inhibit fibrosis and scarring following glaucoma filtration surgery.

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CPC (source: EP)
A61K 38/212 (2013.01); **A61P 27/02** (2017.12)

Citation (search report)

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- [X] BIOLOGICAL ABSTRACTS, vol. 91, no. 11, 1991, Philadelphia, PA, US; abstract no. 116076, M. SALDUCCI ET AL: "Natural alpha interferon eye-drops for therapy of viral conjunctivitis and /or keratitis" page AB-208; & ANN. OTTALMOL. CLIN. OCUL., vol. 116, no. 1, 1990, pages 41 - 47
- [X] BIOLOGICAL ABSTRACTS, vol. 90, no. 7, 1990, Philadelphia, PA, US; abstract no. 72950, C. D. INCORVAIA ET AL: "Alpha-interferon and acyclovir in the treatment of experimental herpetic keratitis" page AB-189; & BOLL. OCUL., vol. 69, no. 2, 1990, pages 217 - 226
- [A] BIOLOGICAL ABSTRACTS, vol. 84, no. 10, 1987, Philadelphia, PA, US; abstract no. 104066, IHKI KOHTAROH ET AL: "Toxicity of intravitreal interferon in combination with acyclovir after lensectomy and vitrectomy" page AB-1123; & FOLIA OPHTHALMOL. JPN, vol. 38, no. 2, 1987, pages 158 - 161
- See references of WO 9306856A1

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